

# 8x12 SunShed Garden Shed Assembly Manual

Revision #13

November 24, 2014

Reversible Roof Lines



Thank you for purchasing an 8x12 SunShed Garden Shed. Please take the time to identify all the parts prior to assembly.

## Safety Points and Other Considerations

Our products are built for use based on proper installation and normal residential use, on level ground. Please follow the instruction manual when building your Sunshed and retain the manual for future maintenance purposes.

Some of the safety and usage measures you may wish to consider include:

- snow load ratings vary by geographical location. If heavy or wet snowfall occurs, it is advisable to sweep the snow off the roof(s).
- if the product is elevated, any structural and building code requirements are solely the customer's responsibility, and should be abided by.
- in high or gusty wind conditions it is advisable to keep the structure securely grounded.
- have a regular maintenance plan to ensure screws, doors, windows and parts are tight.

Customer agrees to hold Outdoor Living Today Partnership and any Authorized Dealers free of any liability for improper installation, maintenance and repair.

**In the event of a missing or broken piece, simply call the Outdoor Living Today Customer Support Line @ 1-888-658-1658 within 30 days of the delivery of your purchase. It is our commitment to you to courier replacement parts, free of charge, within 10 business days of this notification. Replacement parts will not be provided free of charge after the 30 day grace period.**



**Thank you for purchasing our 8x12 SunShed Garden Shed.**  
**Please take the time to identify all the parts prior to assembly.**

**A. Floor Section**

- 3 - 45 1/2" x 75" - Floor Joist Frames (Interior Joist Unattached)
- 3 - 45 1/2" x 21" - Floor Joist Frames (Interior Joists Attached)
- 6 - 1 1/2" x 3 1/2" x 72" - Floor Joists
- 3 - 45 1/2" x 75" - Floor Plywood
- 3 - 45 1/2" x 21" - Floor Plywood
- 10 - 1 1/2" x 3 1/2" x 68" - Floor Runners

**B. Wall Section**

**Main Wall Panels**

- 4 - 45 1/2" x 75" - Solid Wall Panels
- 4 - 1 1/2" x 2 1/2" x 45 1/2" - Wall Plates
- 2 - 45 1/2" x 75" - Window Wall Panels
- 3 - 45 1/2" x 75" - Double Window Walls
- 1 - 12" x 73" - Narrow Wall Panel
- 1 - 31 1/2" x 72" - Dutch Door - 2pcs (42" and 30" high)
- 5 - 45 1/2" x 9" - Wall Extensors
- 2 - 47 1/2" x 9" - Angle Wall Extensors for Front & Back - L/R
- 3 - 3/4" x 3 1/2" x 60" - Horizontal Wall Extensor Brace
- 2 - 3/4" x 3 1/2" x 30" - Horizontal Wall Extensor Brace (front/back)
- 1 - 3/4" x 3 1/2" x 71 1/2" - Horizontal Wall Extensor Brace (side)

**Door Jamb, Header & Door Stops**

- 1 - 1 1/2" x 3" x 73" - Vertical Door Jamb
- 1 - 2" x 3" x 45.5" - Door Header
- 2 - 1/2" x 2 1/2" x 72" - Interior Vertical Door Stops

**Gable Walls**

- 2 - Front and Rear Gable Walls - Triangular shaped  
(33 3/4 degrees on 1 side / 22 1/2 degrees on other)

**Top Wall Plates**

- 2 - 3/4" x 2 1/4" x 65 3/4" - Short Side - 22 1/2 degree cut on edge
- 2 - 1 1/2" x 2 1/4" x 65 3/4" - Tall Side - 33 3/4 degree cut on edge
- 2 - 3/4" x 2 1/2" x 73 3/4" - Front & Rear  
(33 3/4 degrees on 1 end / 22 1/2 degrees on other)

**C. Rafter Section**

- 9 - 1 1/2" x 3 1/2" x 77 3/4" - Long Roof Side Rafters (22 1/2 degrees)
- 9 - 1 1/2" x 3 1/2" x 37 3/4" - Short Roof Side Rafters (33 3/4 degrees)

- 1 - 3/4" x 4 5/8" x 52 1/2" - Ridge Boards (long roof side)
- 1 - 3/4" x 4 5/8" x 84" - Ridge Boards (long roof side)
- 1 - 3/4" x 5 1/8" x 52 1/2" - Ridge Boards (short roof side)
- 1 - 3/4" x 5 1/8" x 84" - Ridge Boards (short roof side)
- 3 - 3/4" x 3 1/2" x 72" - Gussets (angle cut on both ends)

**Soffits**

- 2 - 1/2" x 3 1/2" x 68 1/4" - Short Roof Side
- 2 - 1/2" x 4 1/2" x 68 1/4" - Long Roof Side

**D. Roof Section**

- 2 - Right Side Roof Panels
- 2 - Center Roof Panels
- 2 - Left Side Roof Panels
- 12 - 3/4" x 3/4" x 44 1/2" - Lexan Support Cleats
- 3 - 1/2" x 2 1/2" x 44 1/2" - Ridge Caps for Lexan
- 2 - 1/2" x 5 1/2" x 44 1/2" - Outside Ridge Caps for Lexan
- 2 - 1/2" x 3 1/2" x 44 1/2" - Ridge Caps for Lexan
- 6 - 20 1/4" w x 44" - Lexan Panels

**E. Miscellaneous Section**

**Bottom Skirting**

- 10 - 1/2" x 4 1/2" x 45 1/4" - Bottom Skirting

**Corner & Wall Trim**

- 2 - 1/2" x 2 1/2" x 75" - Filler Trim Short Wall Side
- 2 - 1/2" x 2 1/2" x 84" - Filler Trim Tall Wall Side
- 2 - 1/2" x 4 1/2" x 82" - Corner Trim Short Wall Side
- 2 - 1/2" x 4 1/2" x 87" - Corner Trim Tall Wall Side
- 3 - 1/2" x 2 1/2" x 87" - Front Door Trim & Rear Wall Seam Trim
- 4 - 1/2" x 2 1/2" x 88" - Tall Wall Vertical Trim
- 4 - 1/2" x 2 1/2" x 79" - Short Wall Vertical Trim
- 1 - 1/2" x 2 1/2" x 32" - Horizontal Door Trim (above Door)
- 1 - 1/2" x 2 1/2" x 8 3/4" - Horizontal Narrow Wall Trim (above Wall)
- 2 - 1/2" x 4 1/2" x 85 1/2" - Hor.Gable Trim (F & R) Angle cut 1 end

**Facia Trim**

- 2 - 3/4" x 3 1/2" x 78 3/4" - Angle Cut Front/Rear Facia Trim
- 2 - 3/4" x 3 1/2" x 38 1/4" - Angle Cut Front/Rear Facia Trim
- 4 - 3/4" x 3 1/2" x 72" - Side Facia
- 2 - Facia Detail Plates (Sides)
- 2 - Pentagon Detail Plates (Front and Back Facia)

**Filler Shingles (5 1/2" wide)**

- 8 - Long Shingles
- 4 - Short Shingles

**Ridge Caps**

- 22 - Cedar Shingle Roof Ridge Caps

**Flower Boxes**

- 5 - Flower Box Kits (Assembly Manual & Hardware found in each Kit)

**Potting Shelves**

- 3 - 45" - Long Potting Shelves
- 1 - 41" - Short Potting Shelf
- 8 - 1 1/2" x 2 1/2" x 35" - Potting Shelf Legs

**Window Inserts**

- 2 Reg. Window Inserts
- 6 Small Window Inserts
- 2 Reg. Window Trim Pkgs: 1 x 24 1/16" Top, 3 x 23" Side & Bottom
- 6 Sm. Window Trim Pkgs: 1 x 20 1/4" Top, 2 x 21 7/16" Sides  
1 x 19 1/4" Bottom

**\*\*Miscellaneous Pieces**

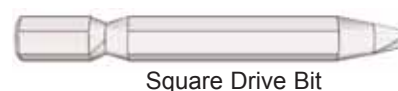
- 1 pc - Spare Wall Siding
- 2 pcs - Spare Shingles- use to shim door, etc

**Note: All Trim, Facia and Bottom Skirting pieces will be positioned rough face out when installed.**

# 8x12 SUNSHED HARDWARE SHEET

## Hardware Kit (Provided)

Note: screws and nails shown actual size.



Tee Hinge x4



Pull Handle



Black Barrel Bolt



Simpson Strong Tie (Roof) x 8



Ridge Board Connector x 2



Silver Barrel Bolt



Silicon Caulking

## Tools Required (Not Provided)



Hammer



Screw Gun/Drill



Tape Measure



Wood Clamp



Caulking Gun



Level



Pliers



Ladder



Utility Knife



1/8" Drill Bits

## Safety Equipment Required (Not Provided)



Safety Glasses



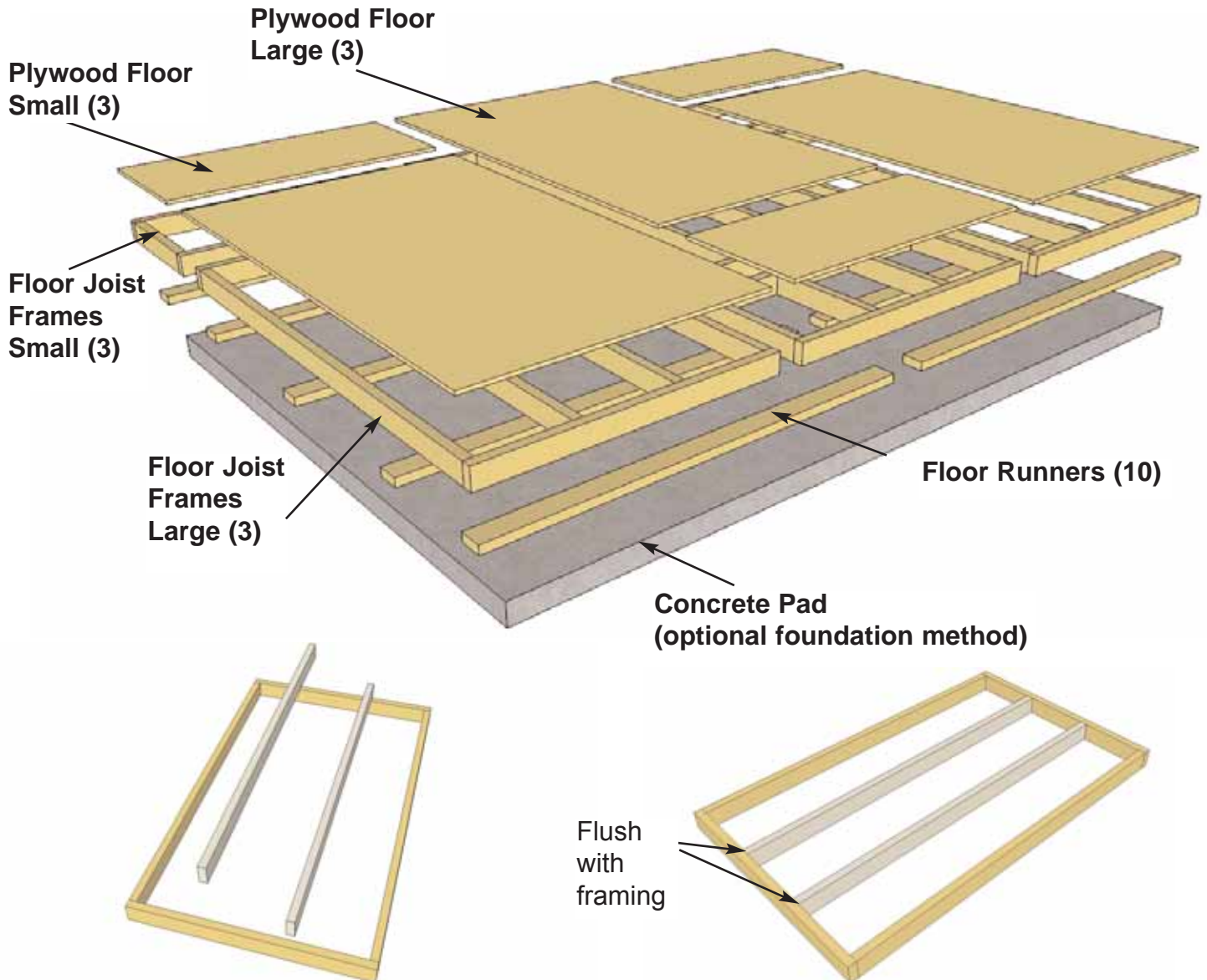
Work Gloves



# A. Floor Section

Exploded view of all parts necessary to complete Floor Section. Identify all parts prior to starting.

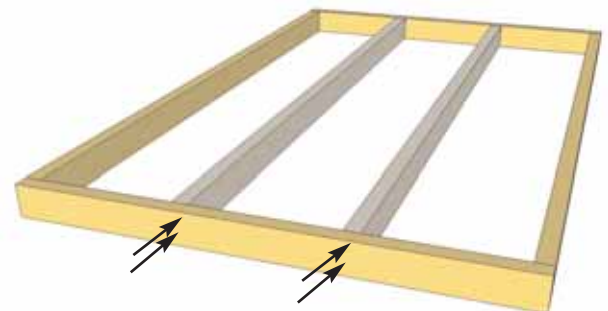
Note, Floor Footprint is 96" wide x 136 1/2" deep.



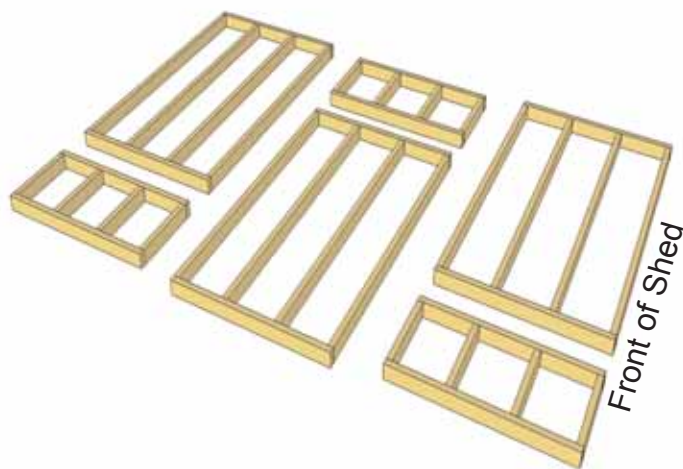
- 1.** Lay out **Large Floor Joist Frame** and **2 Floor Joists** as illustrated above. Position Joists equally in Floor Joist Frame. Position Joist flush with framing.



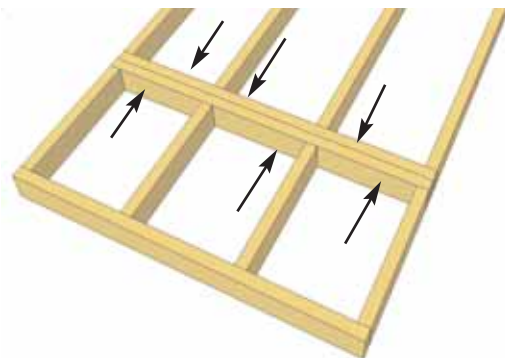
**You can find the Square Drive Bit for the screws in with the Hardware Kit Bag.**



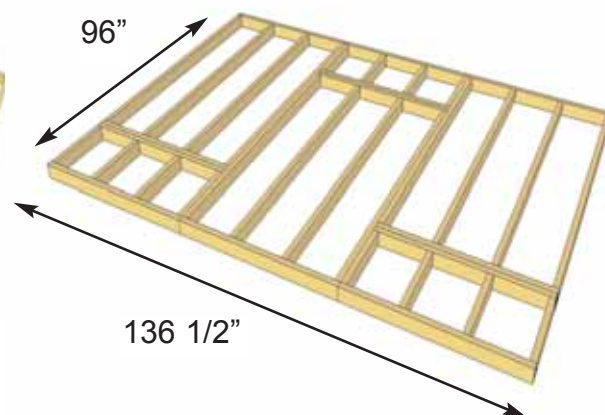
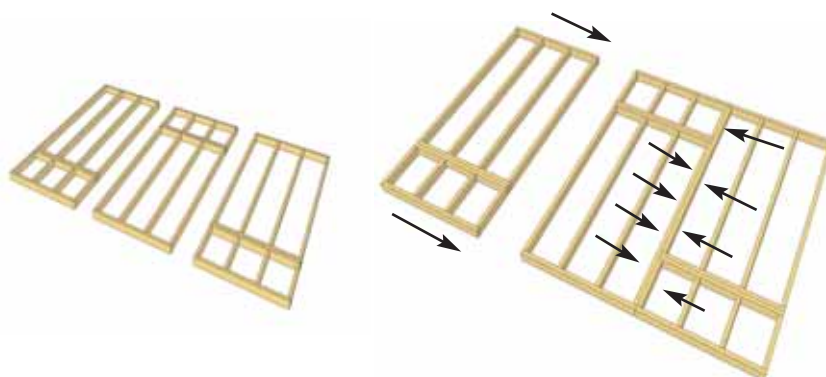
- 2.** Use Small Floor Joist Frame as a template to determine joist position. When correctly positioned, attach each Joist with 4 - 2 1/2" screws (2 per end). **You can find the Square Drive Bit for the screws in with the Hardware Kit Bag.**



**3.** Lay out **Floor Joist Frames** as illustrated at left. There are 3 larger and 3 smaller Frame Sections. The Footprint for the floor when attached together will be 136 1/2" deep x 96" wide.

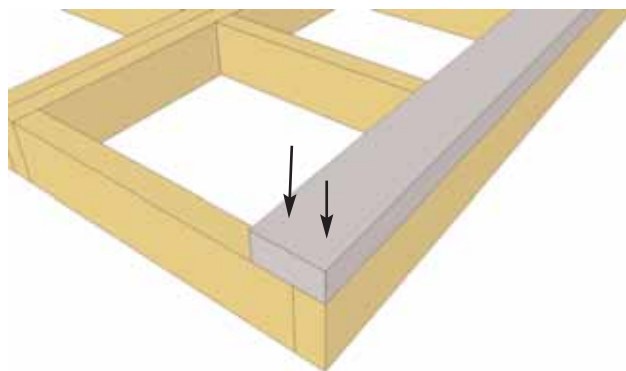
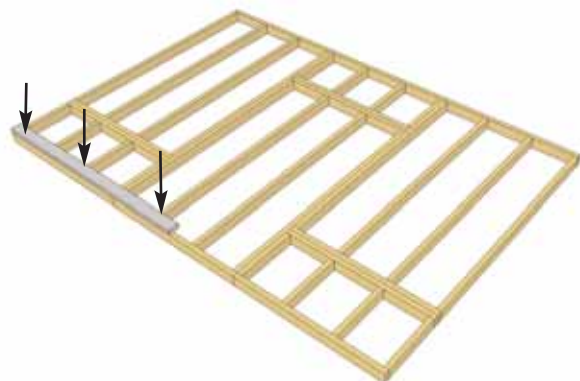


**4.** Attach each large and small floor joist frames together with 6 - 2.5" screws per section.



**5.** Complete all large and small frame attachments. Screw each completed section together with 8 - 2.5" screws.

**6.** When completed, your floor footprint should be 136 1/2" deep x 96" wide.



**7.** Attach **Floor Runners** to completed floor frame. There are 2 floor runners per 136 1/2" side and 5 completed runners in total. Use 6 - 2.5" screws per Runner.

**8.** Make sure Runners are flush with outside and front and rear floor framing but not overhanging.



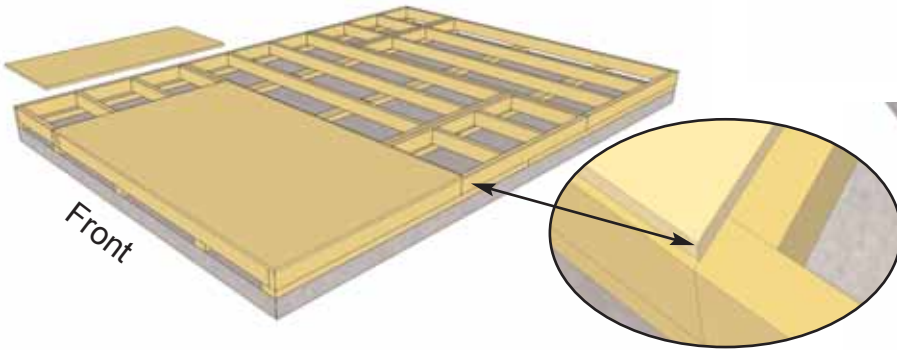


## 9. Complete all Floor Runners.

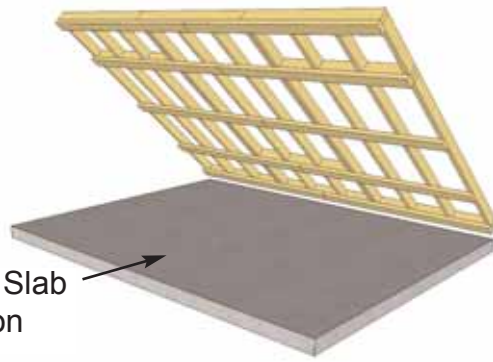
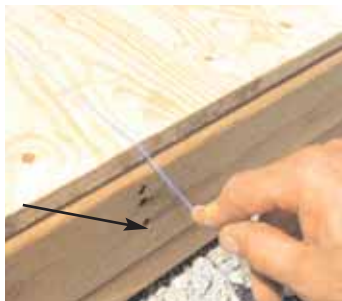
### Foundations

**Note:** The floor will be flipped over and floor runners will sit on your foundation. It is important to note that having a level foundation is critical. Choosing a foundation will vary between regions. Typical foundations can be concrete pads or patio stones positioned underneath the floor runners.

**11.** Position **Plywood Floor** pieces (6) on top of completed Floor Joists. Plywood will sit slightly back from outside edge of Floor Joist Framing. When in correct position, attach with 1 1/4" screws. Use screws every 16". The Plywood is cut slightly smaller than floor framing. Keep plywood seams tight.

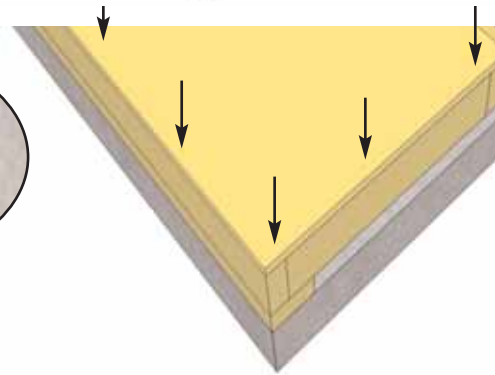
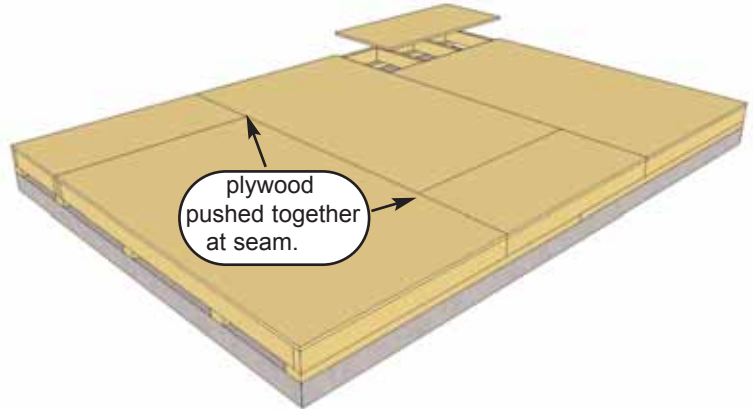


**Hint:** Use a chalk line to mark location of floor joists to determine screw placement.



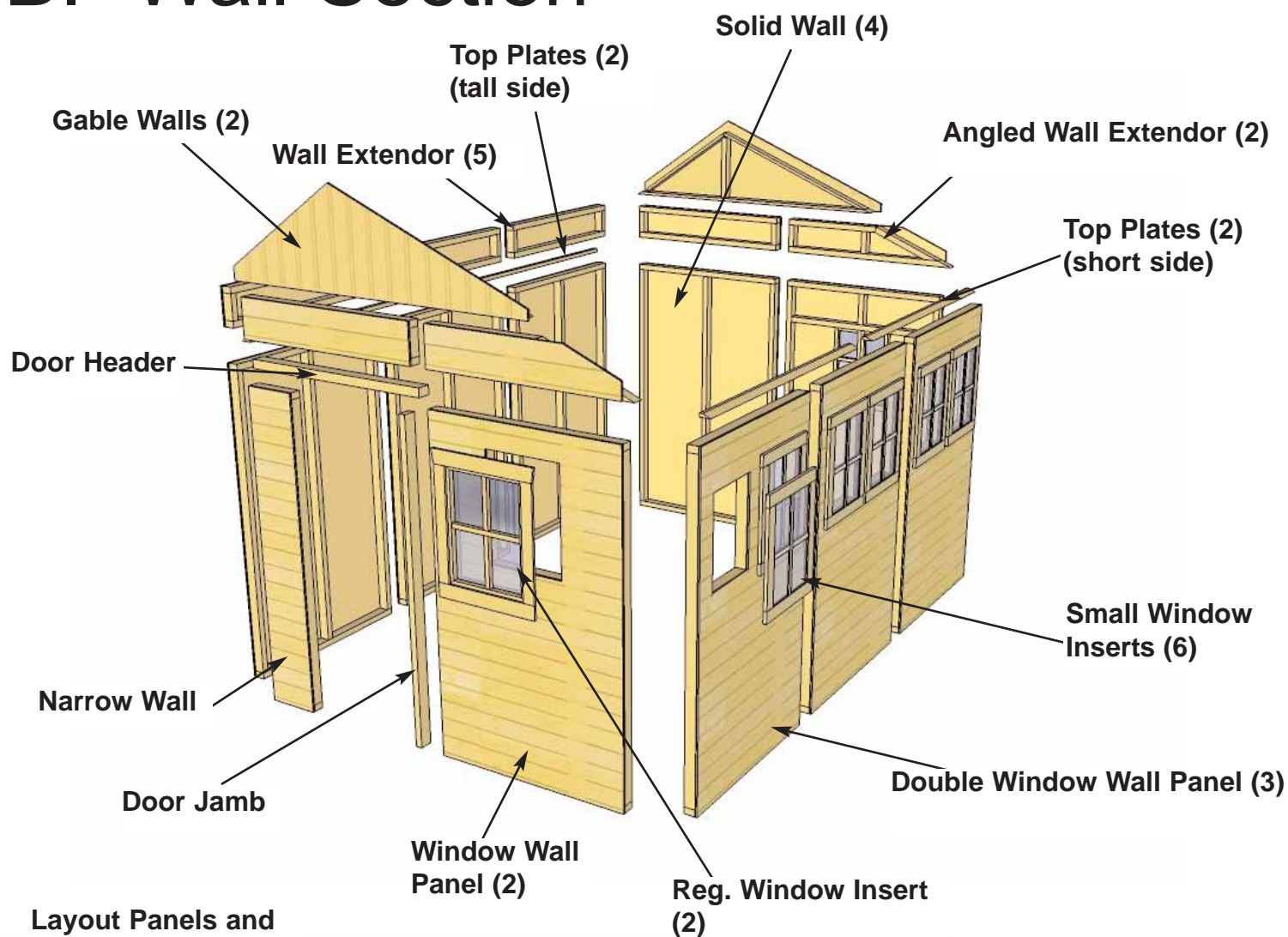
Concrete Slab  
Foundation

**10.** With Floor Runners attached, carefully flip the floor over and place on your foundation. **Caution-** you will need 2 people to assist you. Be careful when laying floor down not to bend or twist floor. When in place, level floor completely.

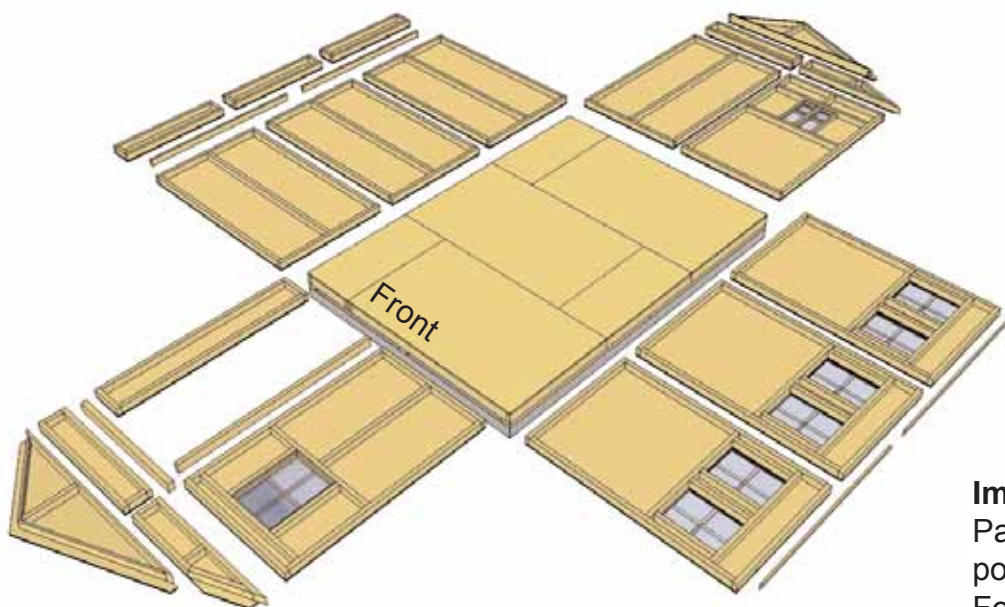


**12.** With Plywood positioned correctly on floor framing, attach with 1 1/4" screws. Use screws every 16".

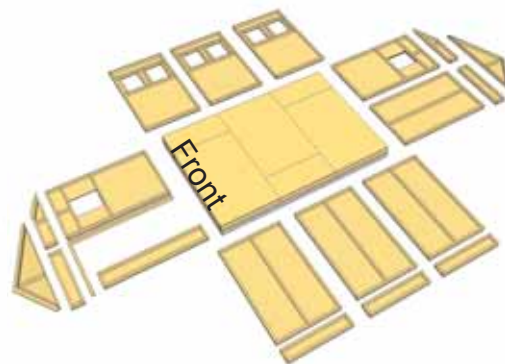
# B. Wall Section



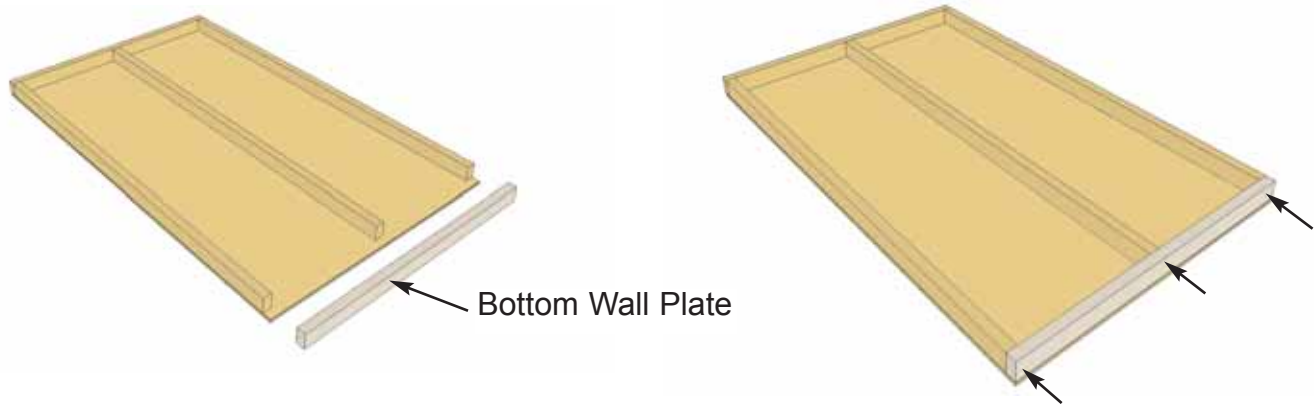
Layout Panels and Pieces as illustrated below.



Left Side Lexan Roof Panel Orientation

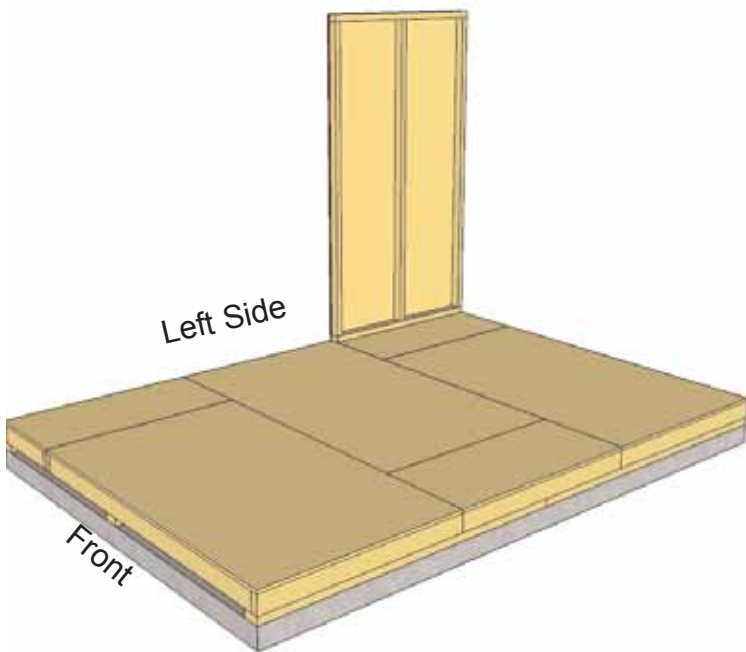


**Important:** If you prefer Lexan Roof Panels on left side when facing front, position wall panels as illustrated above. Follow general assembly directions but note opposite orientations.



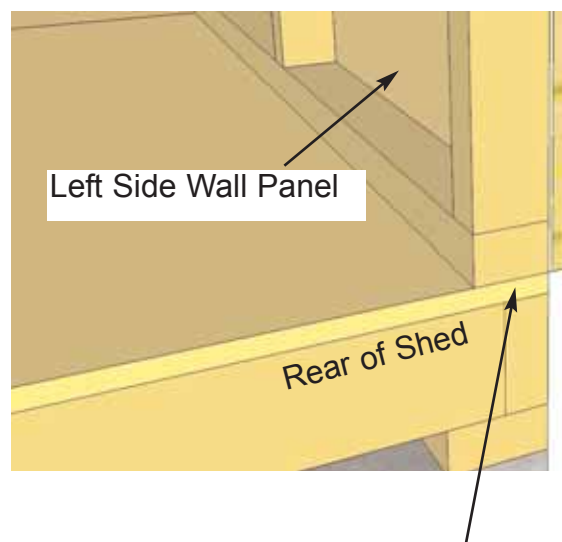
**13.** Starting with **Solid Wall Panels**, carefully lay panel face down. Position and attach **Wall Plate** to bottom of wall studs of each wall panel with 3 - 2 1/2" screws. Position so plates are flush with framing.

**14.** Starting at the Rear Left Side, position a Solid Wall Panel on top of plywood floor. The Wall Panel bottom framing will sit flush with plywood. Wall siding will overhang the floor.



**Important:**

Make sure all walls are aligned in their upright position. If not, water may leak into your shed. Unsure if panel is facing up or down? check siding on window wall panel to match alignment.

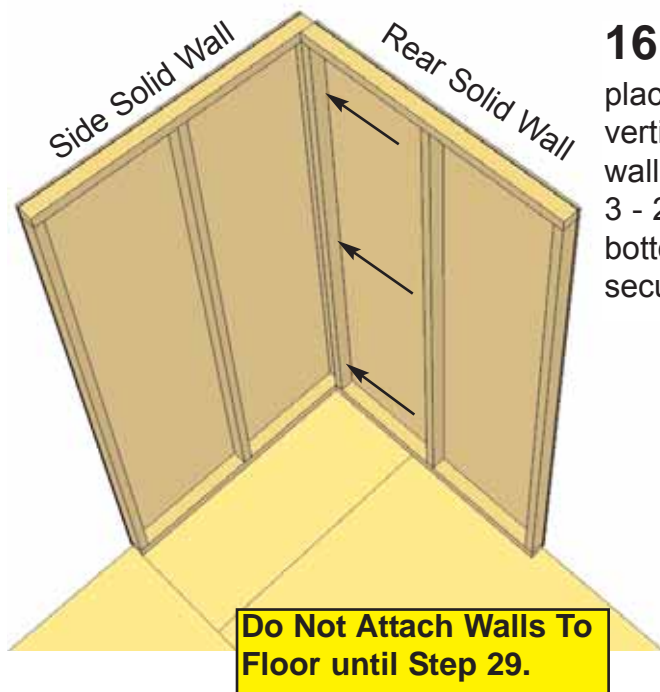


**15.** The side wall panels will sit flush at the end of the floor framing with the rear panels sandwiched between them.

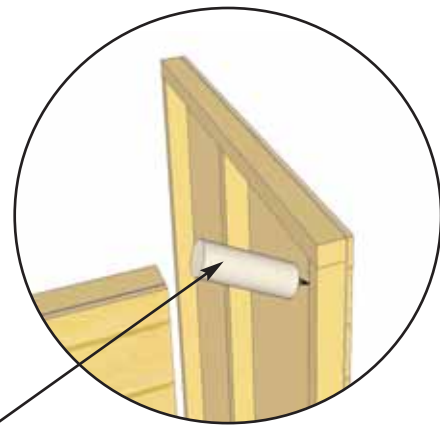
**Note:** Siding will overhang the floor by approx. 1/2"

Outside 2x3 framing of wall panel is flush with outside of floor framing when properly aligned.

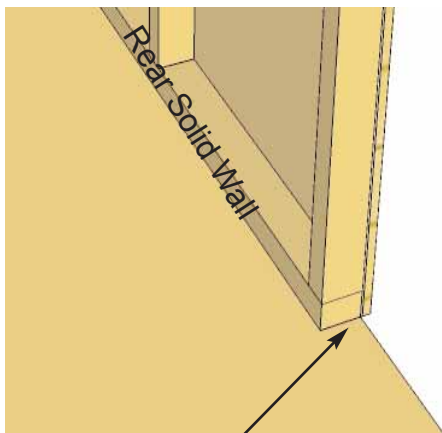




**16.** Position rear solid wall into place on plywood floor. Butt both vertical wall studs of side and rear walls together and attach with 3 - 2 1/2" screws. Screw at the bottom, middle and top of stud to secure properly.



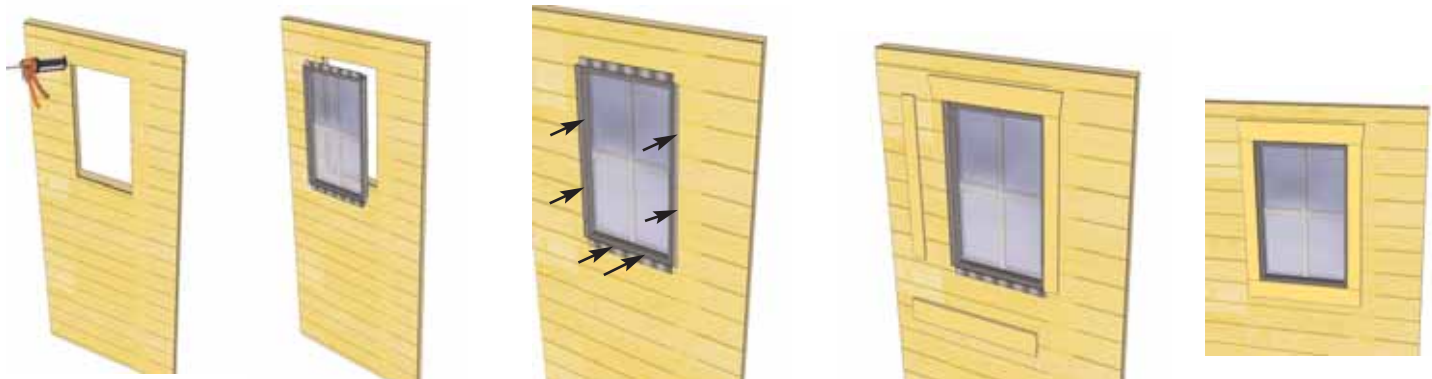
**Optional** - Caulking seams will help prevent moisture from entering at seam. Caulking is included to complete Lexan Windows only. Additional Caulking may be required.



2x3 wall framing flush with outside of plywood.

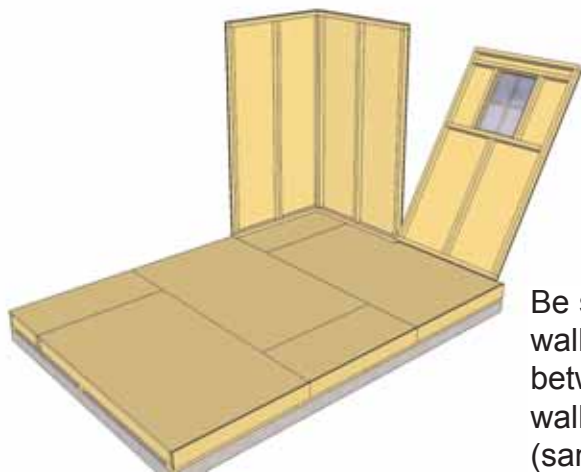
**17.** With the corner wall attachment complete, position the rear Window Wall panel in place so bottom 2x3 wall framing is sitting flush with outside floor joists and plywood floor. Wall siding should overhang floor by approximately 1/2"

When positioned correctly, attach both rear wall panel studs together as per **Step 16**.

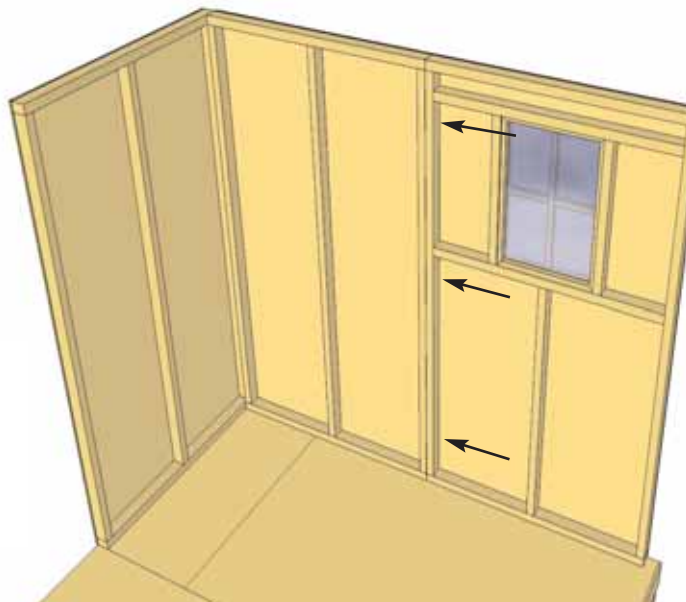


**18.** Locate **Window Inserts for both Regular and Narrow Double Walls**. The Smaller Window Insert fits the Double Window Wall cavity. Before installing, run a bead of caulking around window opening perimeter. Position window in cavity and secure with 8- 1 1/4" screws. Locate and position Window Trim around window doing a dry run first and attach with 4- 1 1/4" finishing nails per piece.

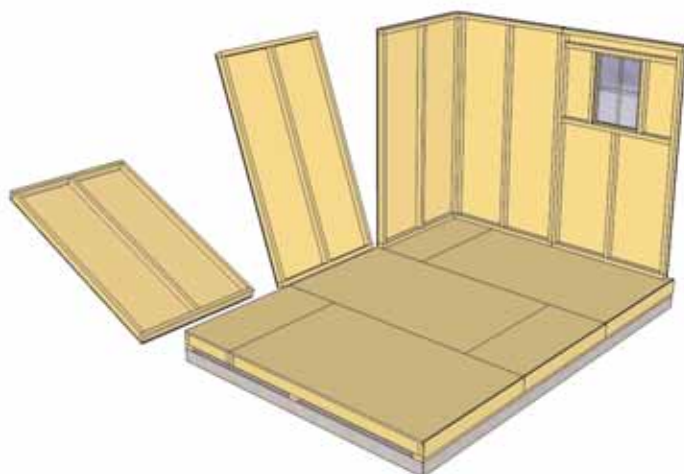
Trim Sizes = Reg. Window- 24 1/16" =top 23" = sides & Bottom. Narrow Window - 20 1/4" = top 21 7/16" = sides 19 1/4" = Bottom



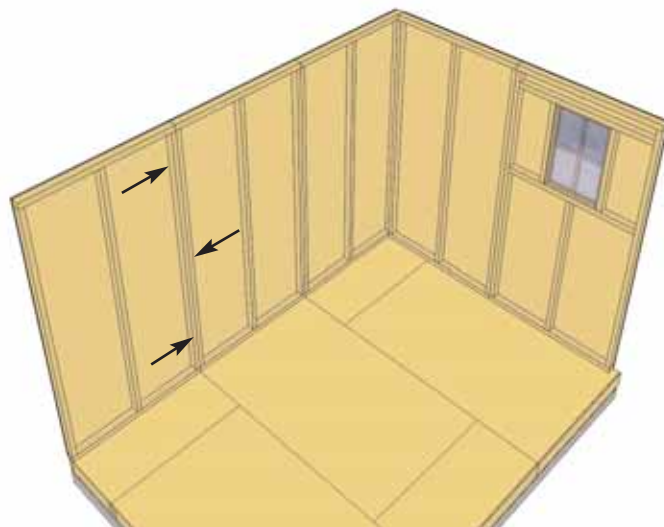
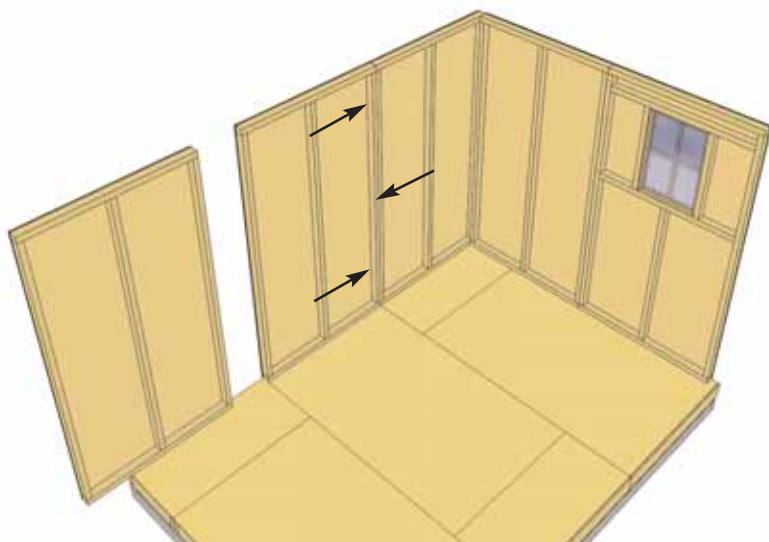
Be sure that rear wall panels fit between the side wall panels (sandwiched).



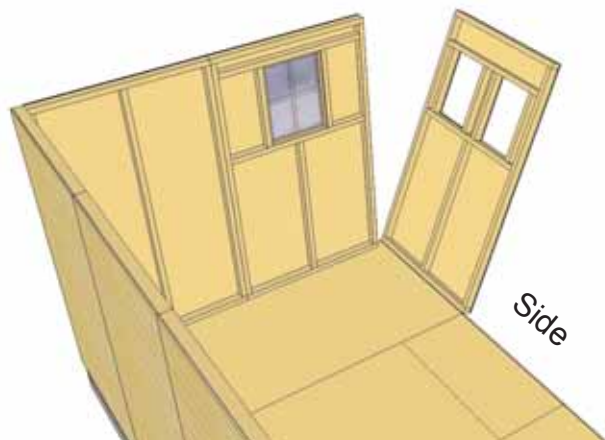
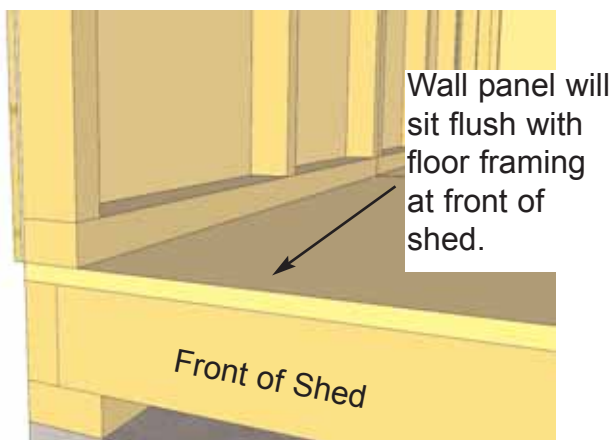
**19.** Position and attach Rear Window Wall Panel to Solid Wall Panel as per **Step 16**.



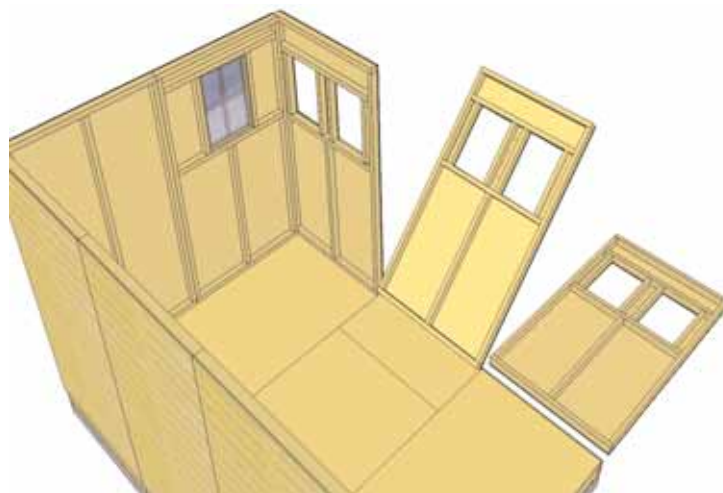
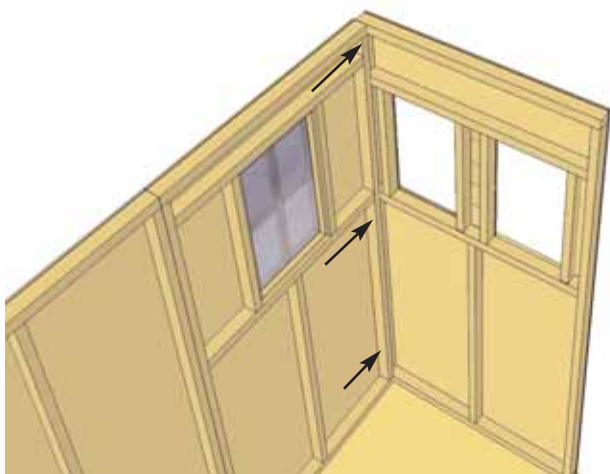
**20.** Locate 2 Side Solid Walls and position on left side.



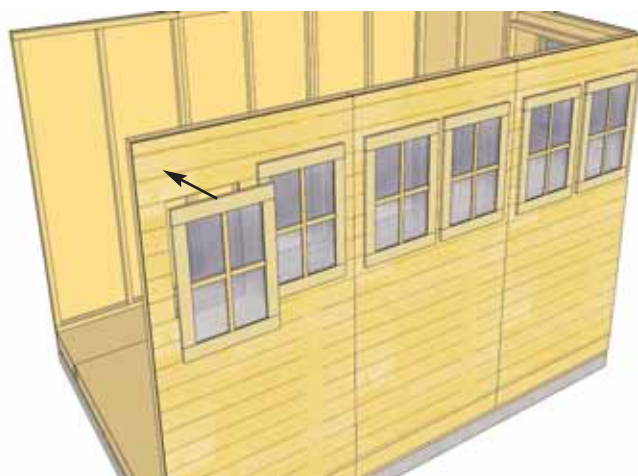
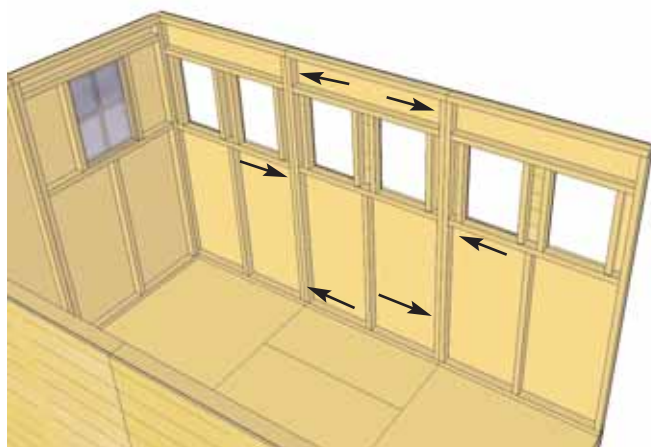
**21.** Position and secure Wall Panel studs together as per **Step 16**.



**22.** Front Side Wall Panel will sit flush with floor framing at front end when positioned correctly. Position side Double Window Wall on floor.

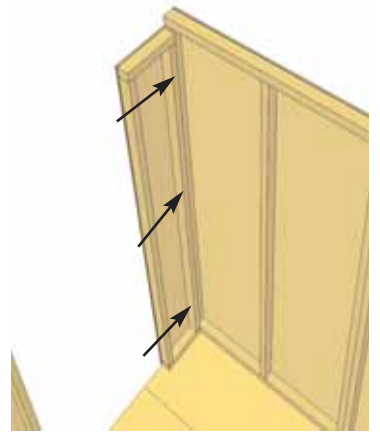
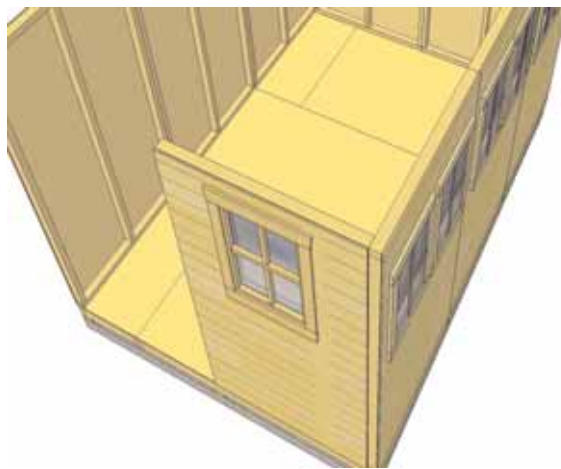


**23.** Position and secure Wall Panel studs together as per **Step 16**. Locate and position remaining Double Window Walls on floor.



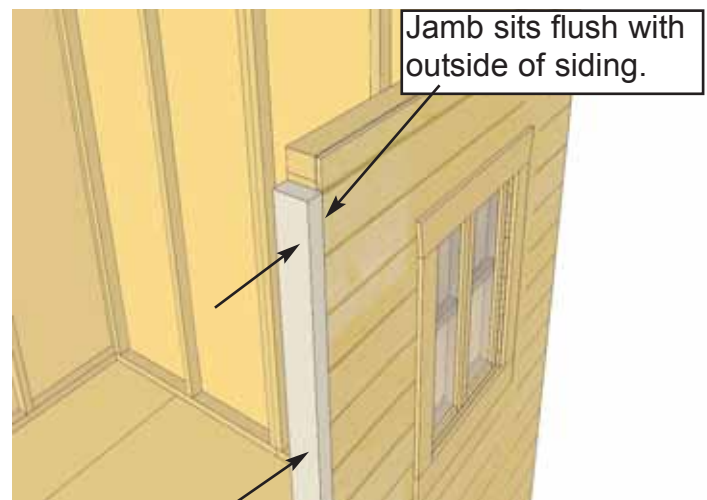
**24.** Position remaining Double Window Walls and attach as per **Step 16**. Place **Fixed Window Inserts** in window openings as per **Step 18**.



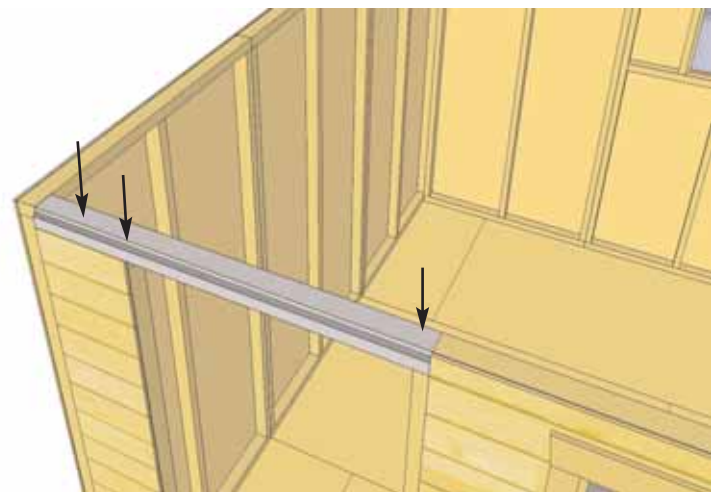


**25.** Place 2nd Window Wall Panel in front and attach. Install Window Insert as per **Step 18** . Position and attach Wall Panel as Per **Step 16**.

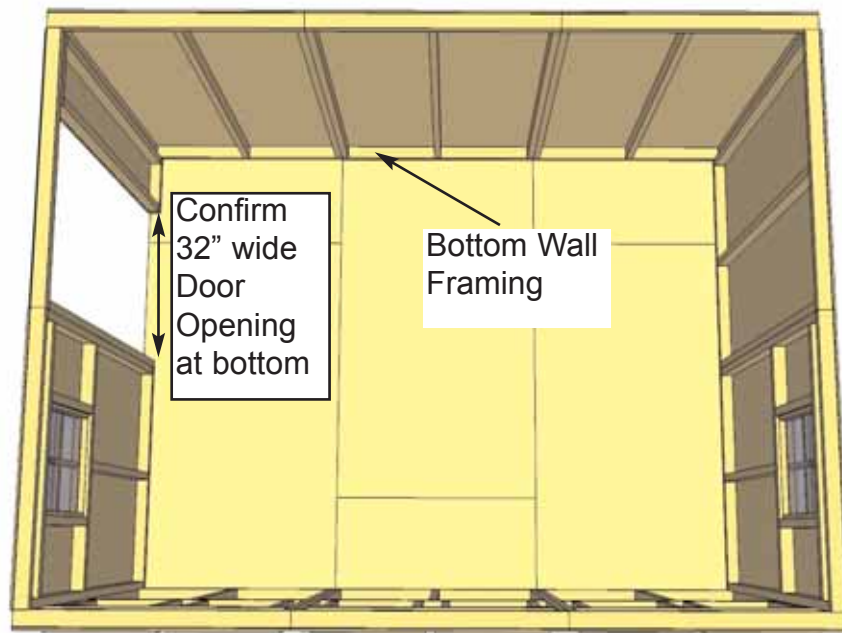
**26.** Position and attach Narrow Wall Panel to left side wall stud with 3 - 2 1/2" screws as per **Step 16**. Note, Narrow Wall is 73" high (2" shorter than regular walls).



**27.** Locate Vertical Door Jamb and position flush against right wall panel stud. The Jamb is 3" wide and will sit **flush to outside of wall siding**. When positioned correctly, secure Jamb using 4 - 2 1/2" screws.



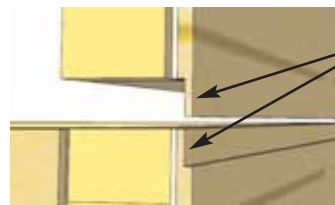
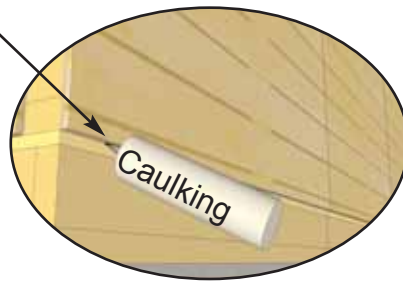
**28.** Position and attach the Door Header to Door Jamb and Narrow Wall Panel top framing. Header should sit flush with Door Jamb and Outside of Narrow Wall Panel Siding. Attach with 3 - 2 1/2" screws.



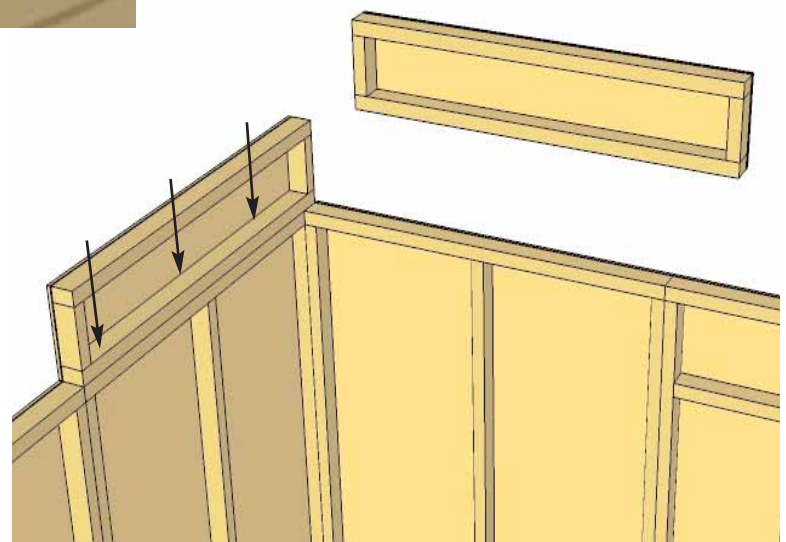
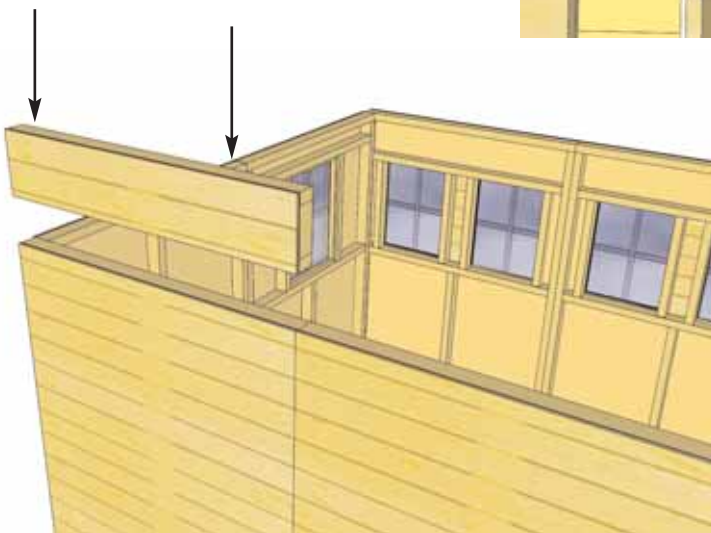
**29.** When all walls are attached together, check alignment with the floor. Bottom wall framing should sit flush with outside of floor joists and plywood floor. When positioned correctly, fasten bottom wall plates to floor using 4 - 2 1/2" screws per wall panel.



**Optional** - Caulking seams will help prevent moisture from entering at seam. Caulking is included to complete Lexan Windows only. Additional Caulking may be required.

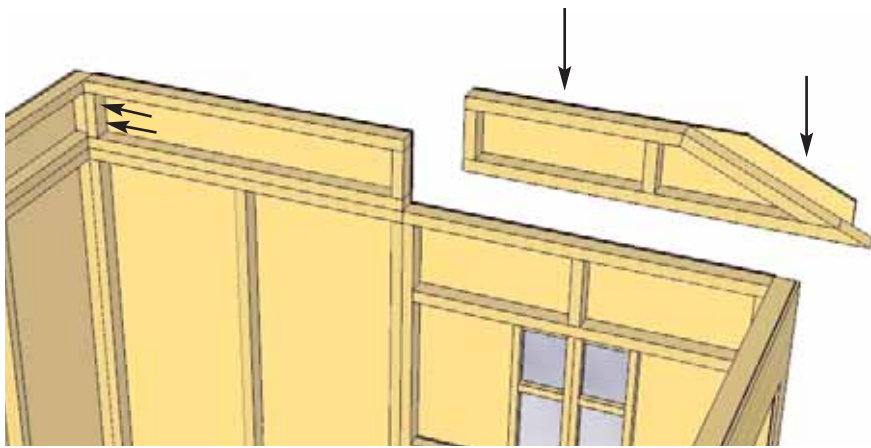


Lap Siding of panels will fit together.

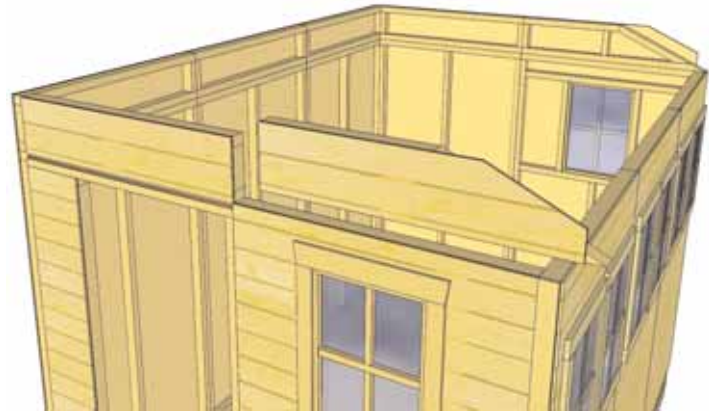
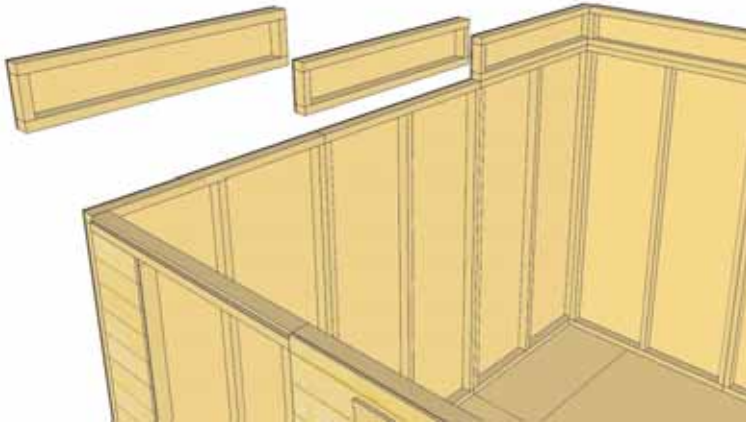


**30.** Locate and place **Side Extendor Walls** on top of Sunshed Side Walls in rear corner. Align so 2x3 framing lines up with framing of regular walls. When correctly in place, secure with 3 - 2.5" screws per piece.

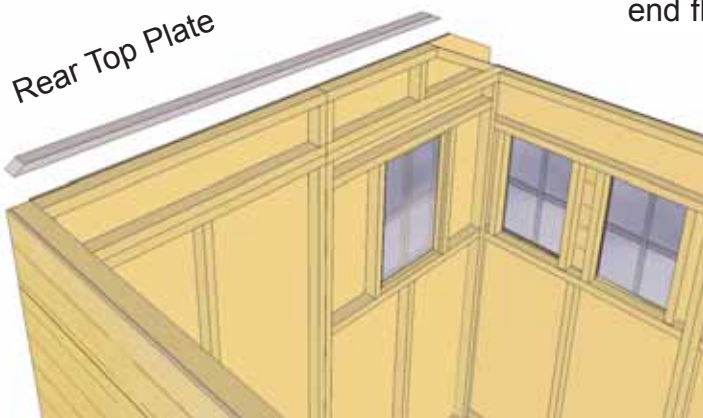




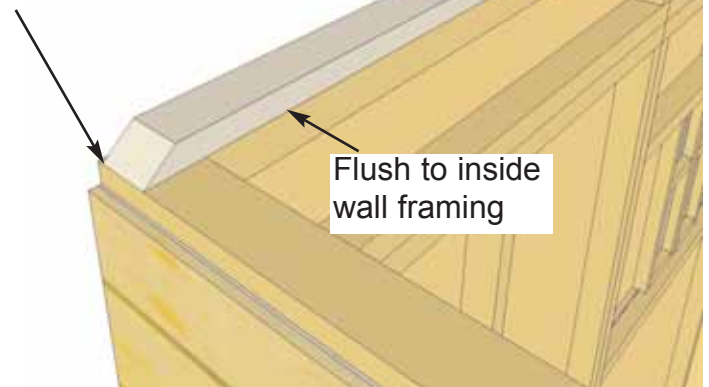
**31.** Locate and position an **Angle Extensor Wall** on the rear wall of Sunshed. Align once again so 2x3 frame lines up with previously installed Wall Extensor and regular wall panel. When correctly in place, secure with 3 - 2.5" screws per piece.



**32.** Align and attach remaining Wall Extensors as per **Step 30-31**. Note, Wall Extensors are not required for the Short Side walls.

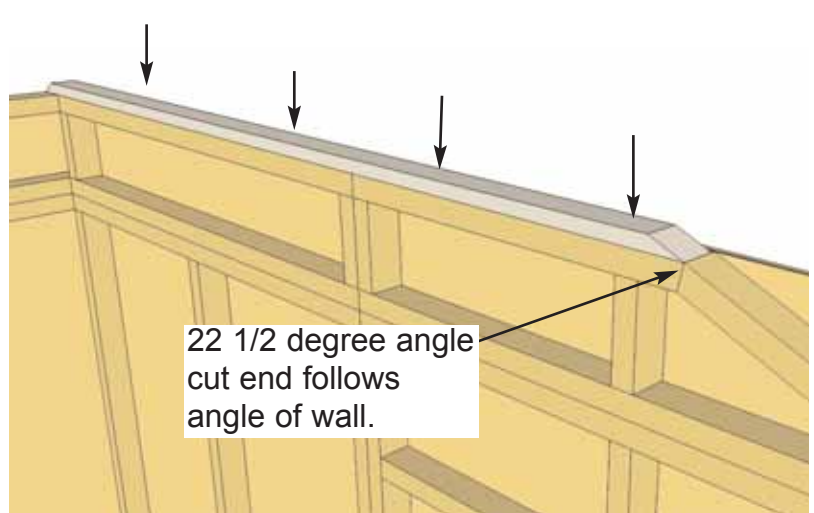
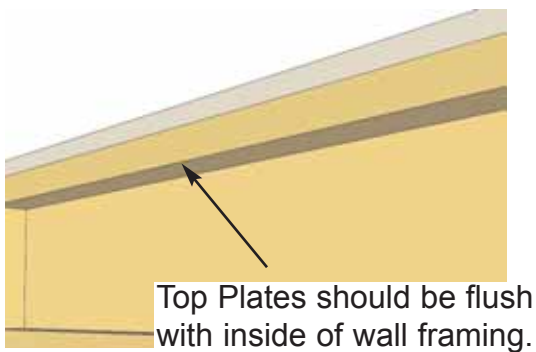


Tip of 33 3/4 degree Top Plate  
end flush with wall framing

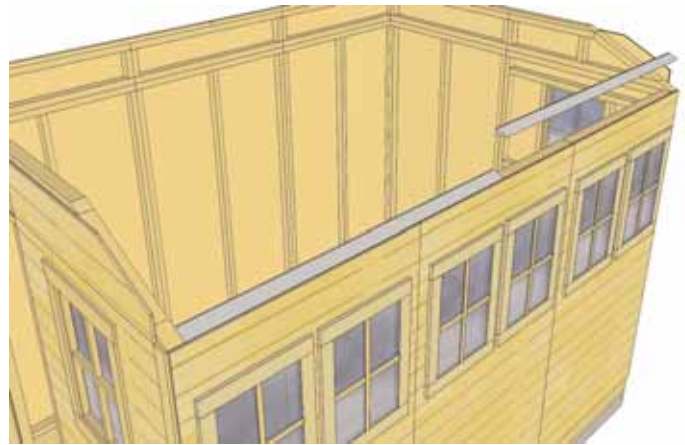
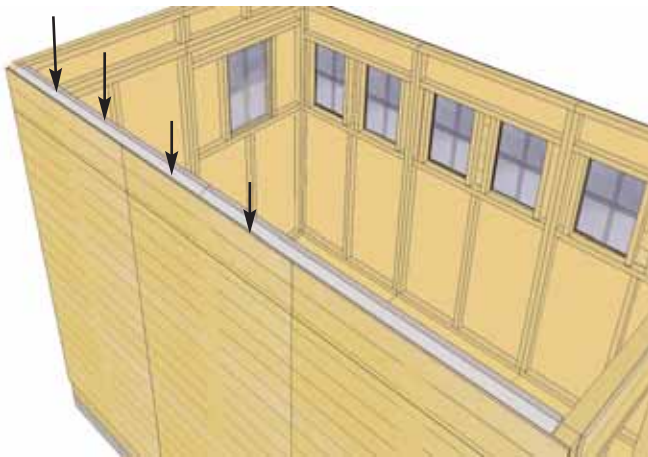


**33.** Locate **Rear Top Plate** and position on wall framing flush on inside. Align so angle cut on 33 3/4 degree end is facing the high wall and 22 1/2 degree end is facing short wall.

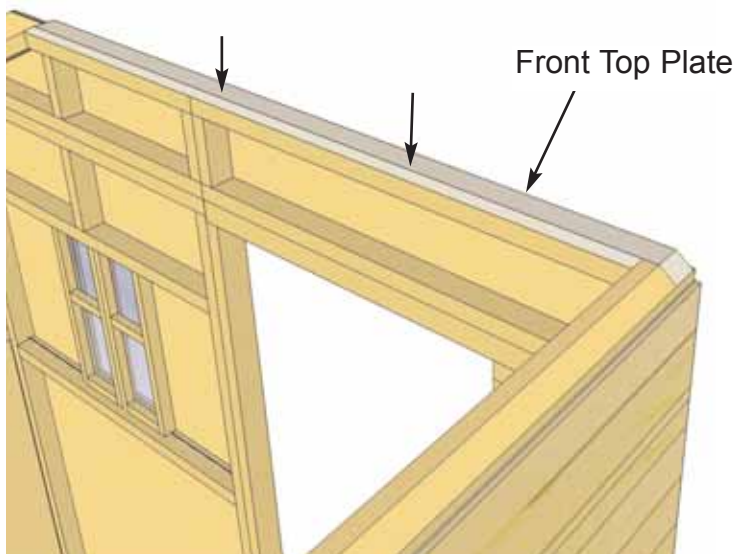




**34.** When properly positioned, attach by screwing down into top wall framing with 4 -2" screws.

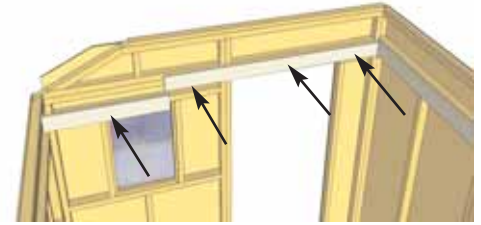
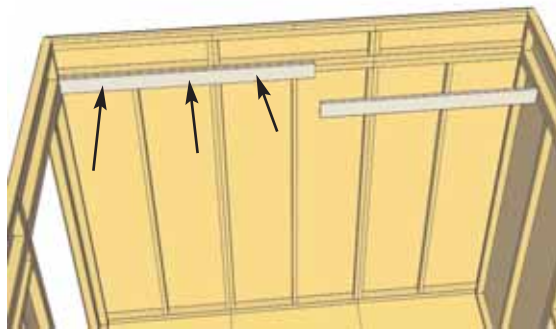
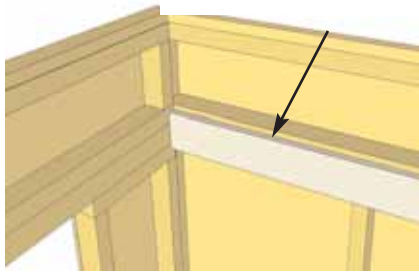


**35.** Next, attach the **Side Top Plates** with a 33 3/4 degree cut down edge to high wall side. Once again, position top plate on wall plate so it is flush with inside of wall plate. Side plate should also be flush with Rear Top Plate. Secure with 4 - 2.5" screws per piece. Complete Short Side Top Plates as well. Side Top Plate has a 22 1/2 degree cut down 1 edge.

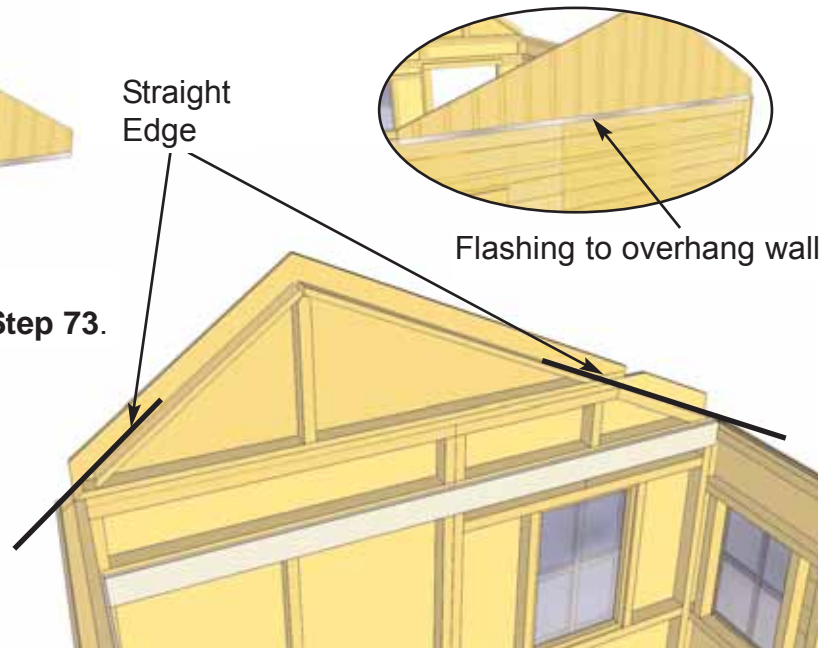
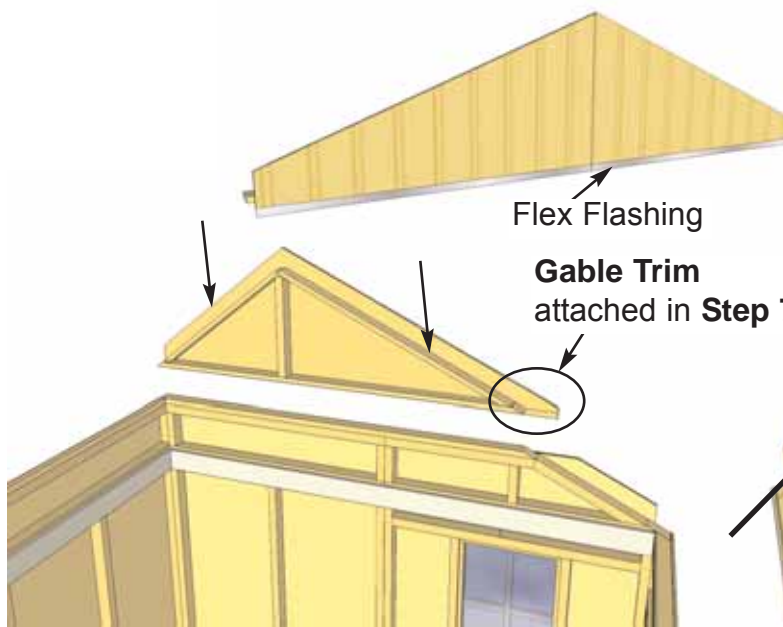


**36.** Position remaining **Front Top Plate** on wall framing and secure with 4 - 2" screws per piece.

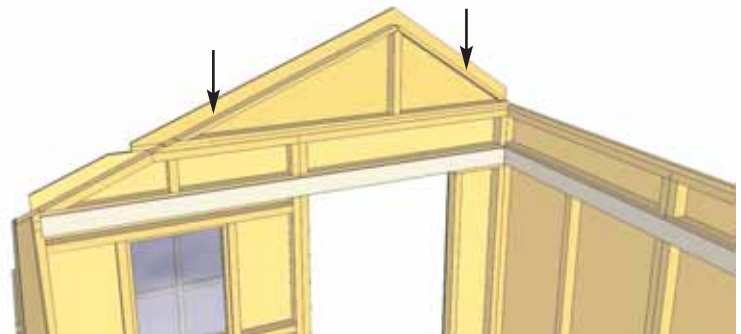
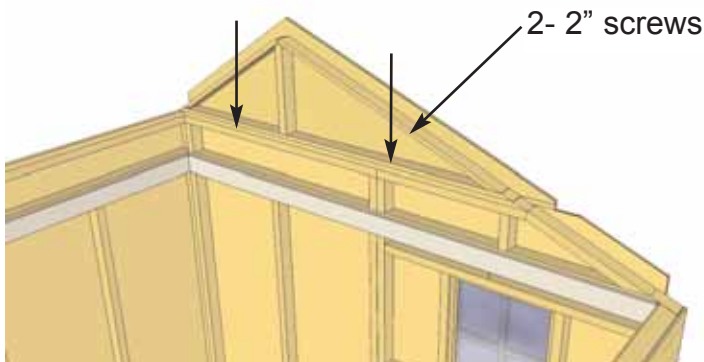
1/2" below framing



**37.** Attach **Horizontal Wall Extender Brace** to Framing of Top and Bottom walls 1/2" below wall framing. Start with High Wall Side and attach 71 1/2" and 60" long pieces with 10 - 1 1/4" screws per side. Alternate screws into both pieces of framing. Complete Front and Rear walls (60" and 30" long pieces) using the same alignment.

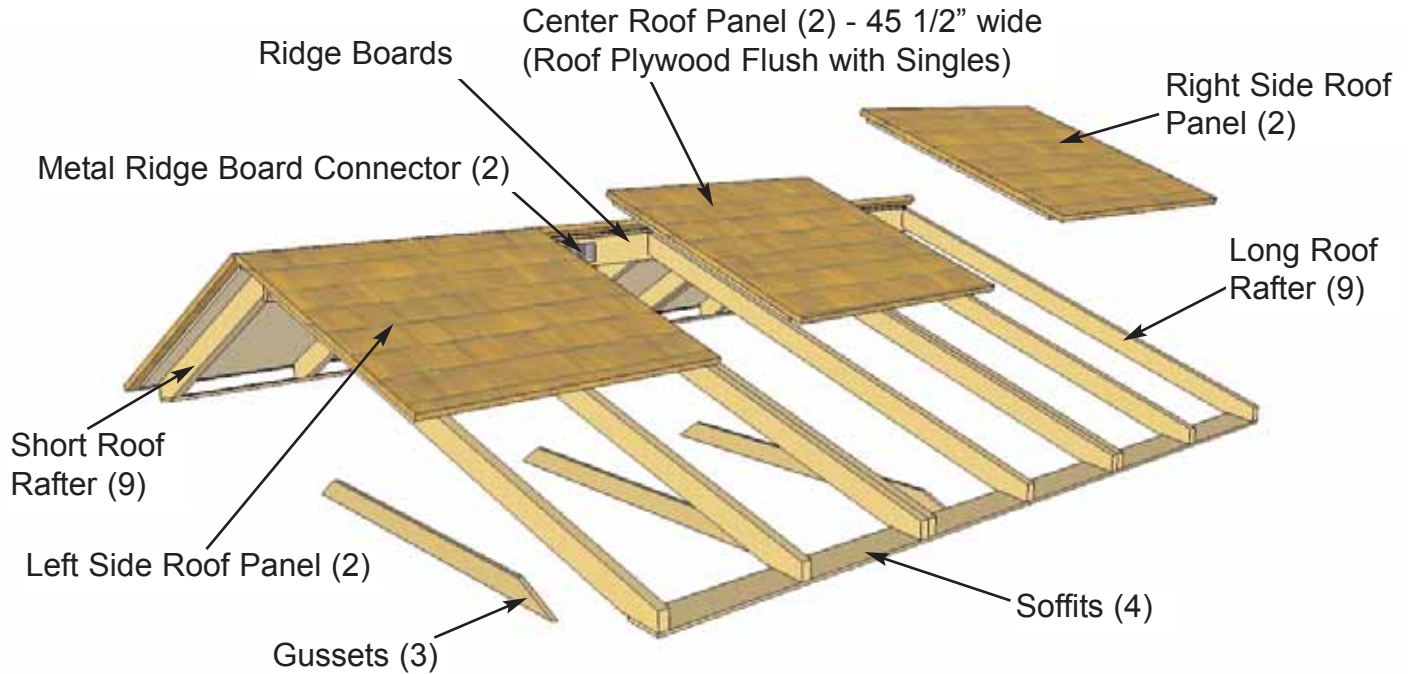


**38.** Lift up **Gable Wall** and place on top of rear wall. Once again, gable with 33 3/4" degree cut will be aligned on high wall side. Slide Gable Wall side to side and use a straight edge to line up angled framing of gable with Top Plates and Wall. There is some tolerance, try for best fit on both sides.



**39.** When Gable wall is positioned correctly, tack in place with 2 - 2" screws. Adjustment to Gable may be required in **Steps 49**. Further secure Gable in **Step 49** with 5 - 2" screws. Complete other Gable Wall.

# C. Rafter Section



## Important:

Locate all parts necessary to assemble Long and Short Rafter Sections:

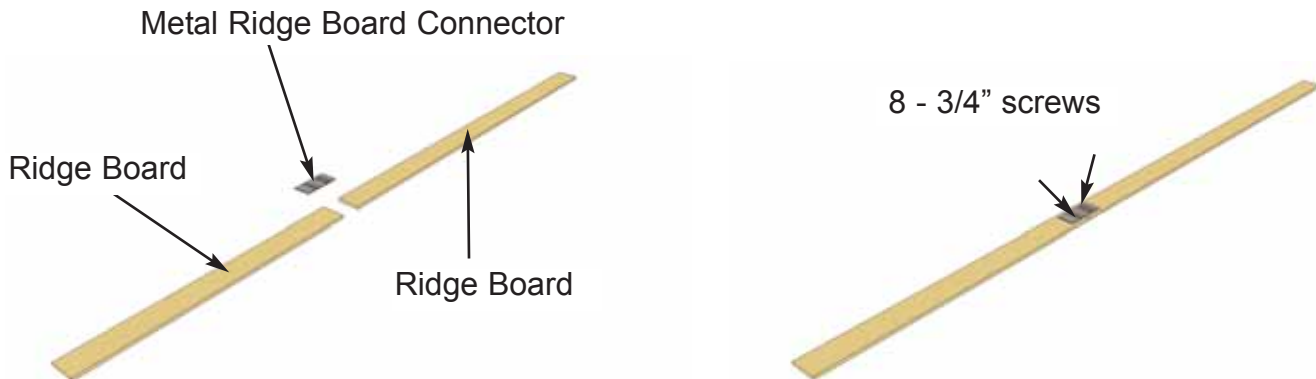
### Long Rafter Side:

9 - **77 3/4"** long 2x4 Rafters  
 1 - 3/4" x 4 5/8" x 52 1/2" - Ridge Board  
 1 - 3/4" x 4 5/8" x 84" - Ridge Board  
 1 - 1/16" x 3" x 7" - Metal Ridge Board Con.  
 2 - 1/2" x **4 1/2"** x 68 1/4" - Soffits

### Short Rafter Side:

9 - **37 3/4"** long 2x4 Rafters  
 1 - 3/4" x 5 1/8" x 52 1/2" - Ridge Board  
 1 - 3/4" x 5 1/8" x 84" - Ridge Board  
 1 - 3/16" x 2 1/2" x 7" - Metal Ridge Board Con.  
 2 - 1/2" x **3 1/2"** x 68 1/4" - Soffits

Follow **Steps 40-43** to Assemble Rafter Sections. Make sure to complete on a flat level surface. Please note the differences between the Long and Short Rafters Sides.

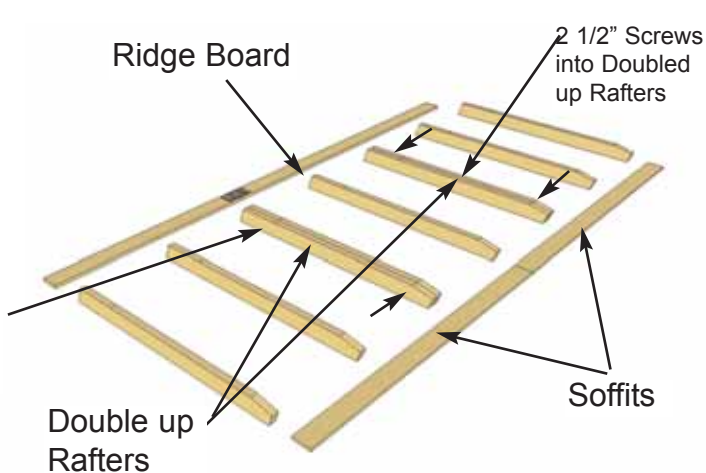


**40.** Locate both 3/4" x 4 5/8" x 84" & 52 1/2" **Ridge Boards (Long Rafter Side)** and attach together with **Metal Ridge Board Connector** using 8 - 3/4" screws evenly on boards. Total Length when connected is 136 1/2". Complete Short Rafter Side using same procedure only Ridge Boards are 5 1/8" wide.



**41.** Locate 9 **Rafters**, 2 **Soffits** and completed Ridge Board. Lay out on level ground as shown to the right. Double up Rafters as illustrated. Screw doubled up Rafters together with 3 - 2 1/2" screws per piece.

**Note**, completed rafter section will be flipped over in **Step 44**.

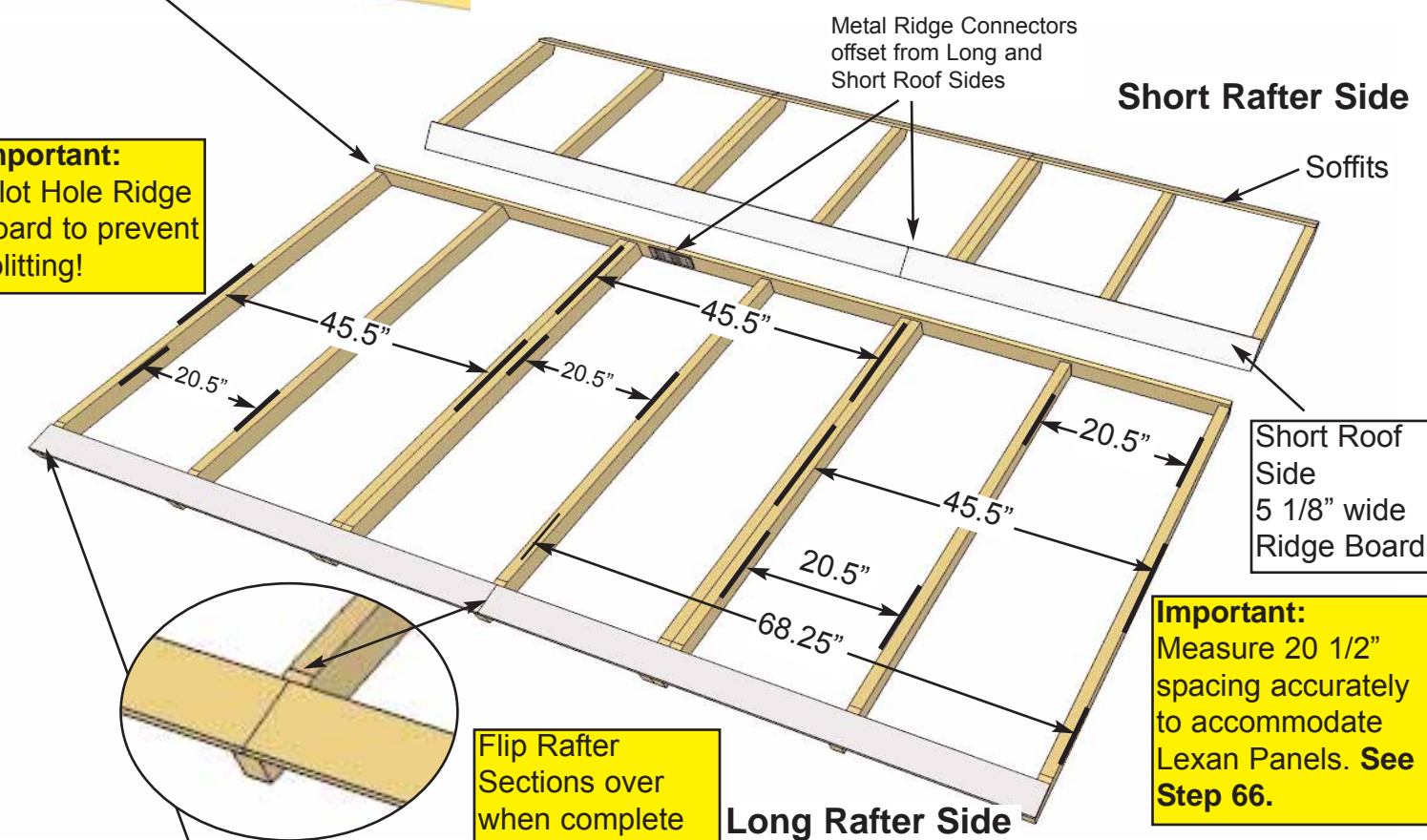


Long Roof Side 4 5/8" wide Ridge Board

2 1/2" Screws into Doubled up Rafters

**42.** Attach completed Ridge Board to ends of both outside rafters with 2 - 2" screws per end. Measure and position interior Rafters as illustrated below. When positioned correctly, attach Ridge Board to remaining rafters with 2 - 2" screws /rafter end.

**Important:** Pilot Hole Ridge Board to prevent splitting!

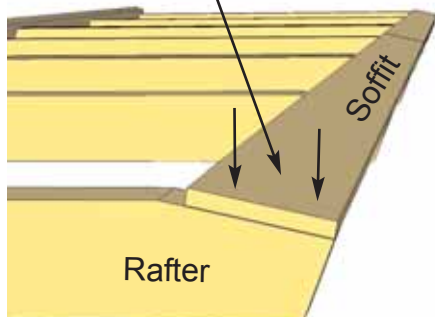


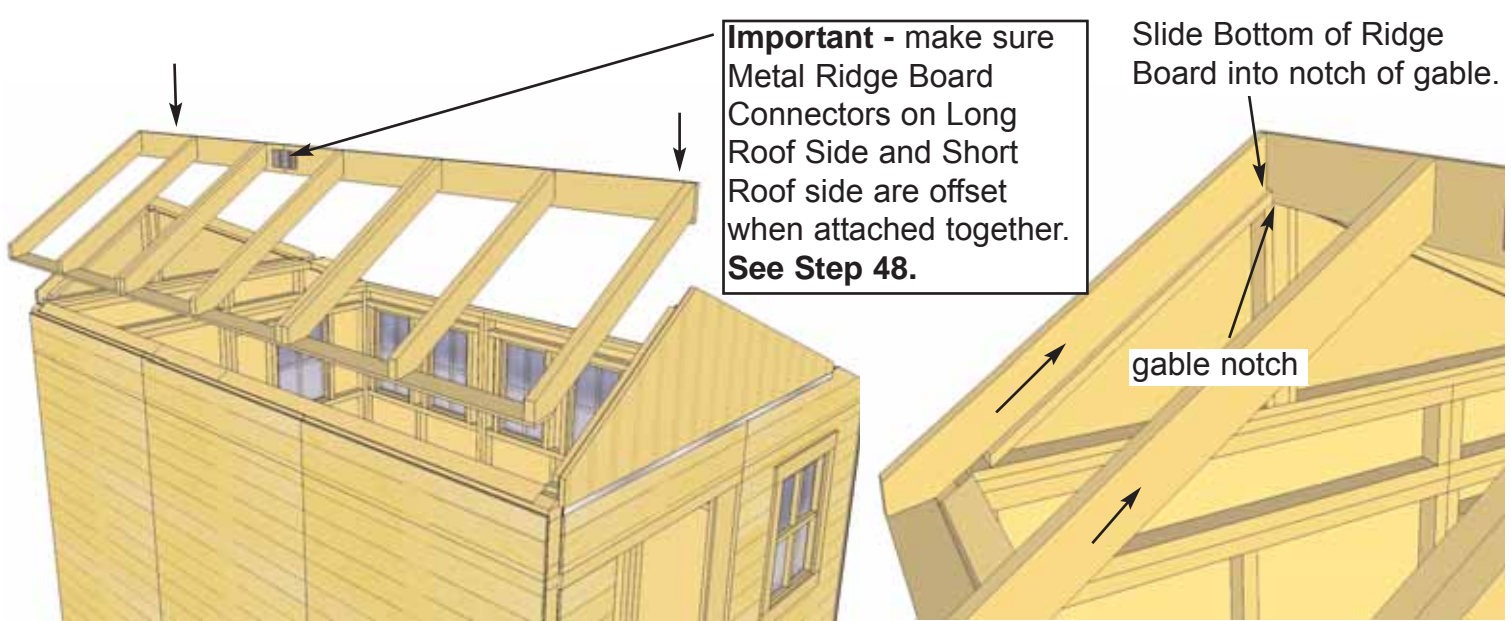
**Important:** Measure 20 1/2" spacing accurately to accommodate Lexan Panels. See **Step 66**.

**43.** Attach end of a 68 1/4" long Soffit Board flush to ends of outside rafters with 2 - 1 1/4" screws per rafter end. **Drill pilot hole in Soffit ends to prevent splitting.** Complete both outside rafter / Soffit connections first. Measure and position interior Rafters as illustrated above. When positioned correctly, attach Soffits to remaining rafters with 2 - 1 1/4" screws /rafter.

Flip completed rafter section over. Complete Short Rafter Side as per **Steps 41 - 43** with the following exception.

**When attaching Ridge Board to Rafter ends, make sure Metal Ridge Board Connector is positioned so offset to first Rafter Section. See Step 48 for illustration.**



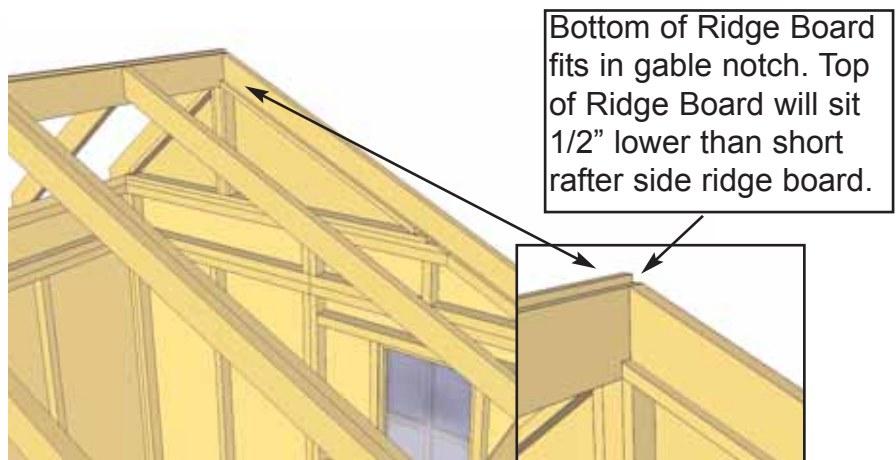
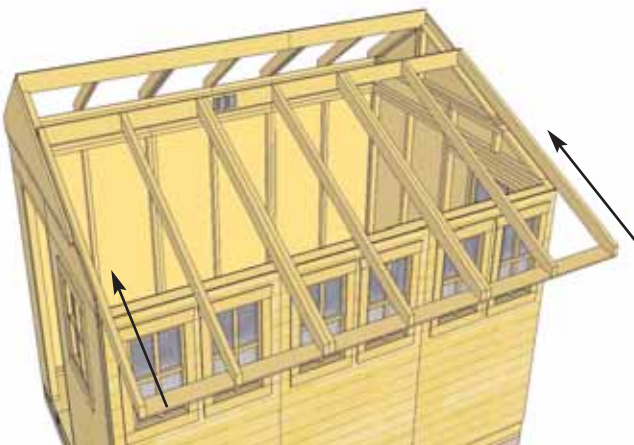


**44.** Starting with the Short Rafter Side, lift and flip completed section over so Soffit is facing down. Slide rafter up on gable framing until bottom of Ridge Board slips into gable notch. Position rafters so they sit evenly on Gable framing from side to side.



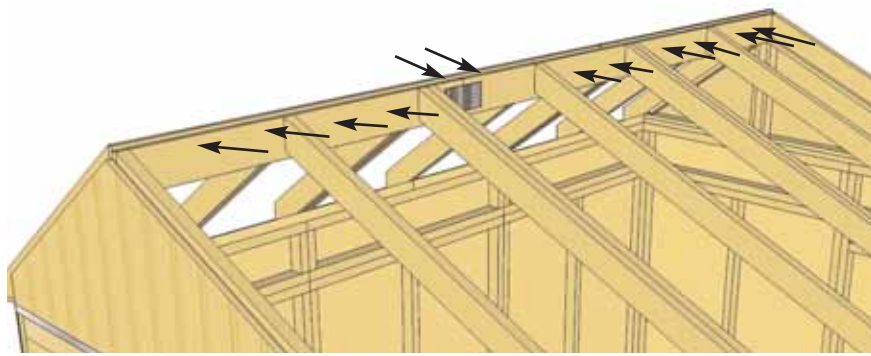
**45.** Where Wall and Soffit meet, a small gap may appear. Confirm all Rafters are resting on Top Plate.

**46.** Lift and flip Long Rafter Side up and place on Gable framing. **Make sure Metal Ridge Board Connectors of both Roof Sections are offset. See Step 48.**

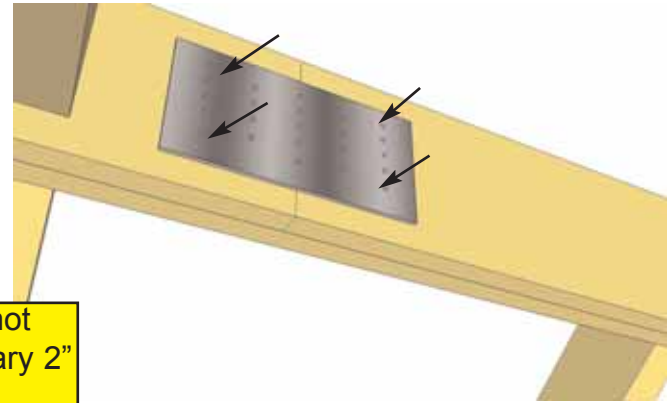
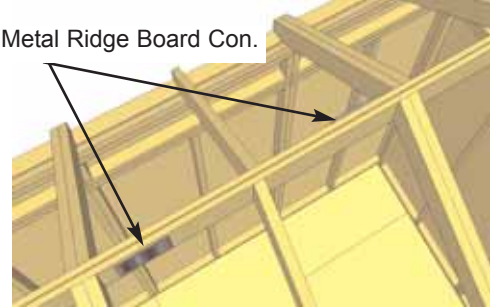


**47.** Slide Long Rafter Side on Gable framing so bottom of ridge board slips into Gable notch. Soffit will sit approximately 1/8" away from as per **Step 45.**



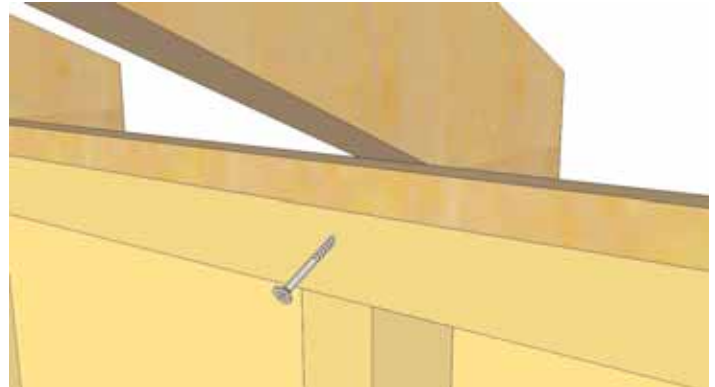
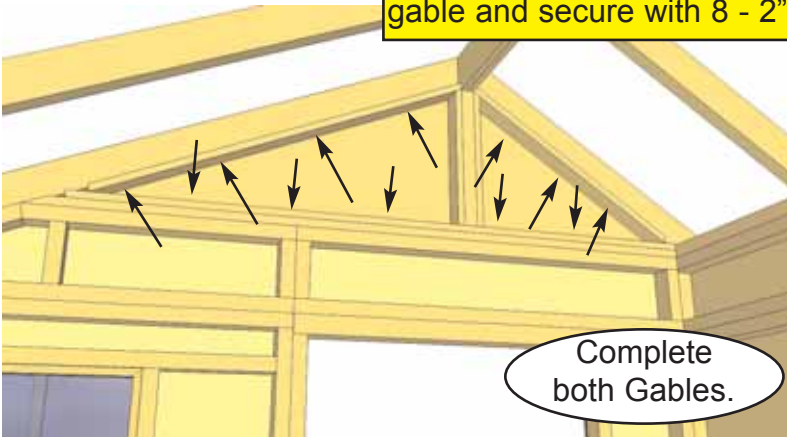


Offsetting Metal Ridge Board Con.



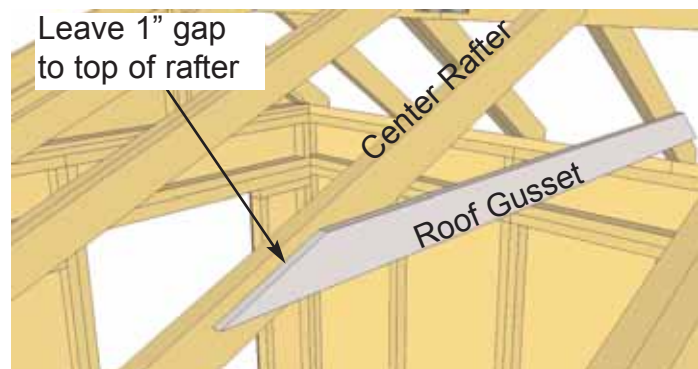
**48.** Where Ridge Boards meet, align together so they are flush with each other and secure them with 12-1 1/4" screws. To completely secure Ridge Boards, place 4 - 1 1/4" screws into any of the remaining Metal Ridge Board Connectors holes. Complete both sides.

**Important:** - If Gable framing does not line up with Rafters, remove temporary 2" screws from gable framing. Re-align gable and secure with 8 - 2" screws total.



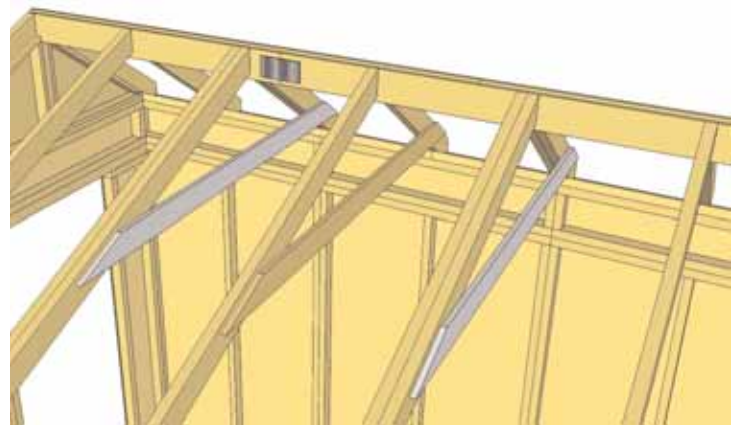
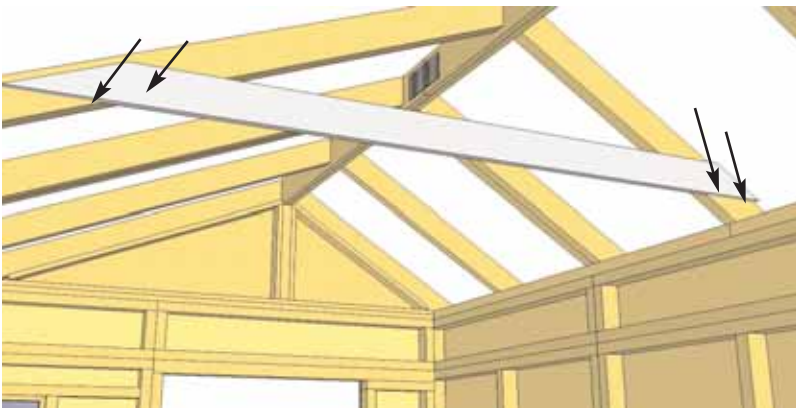
**49.** With both Short and Long Rafters in correct alignment, secure Gable framing to both outside rafters with 7 - 2" screws per side at top and with 5 additional 2" screws into wall top plates at bottom.

**50.** Secure Short Rafters to Top Wall Framing with one 3" screw per rafter. Screw through Wall Frame at an angle.



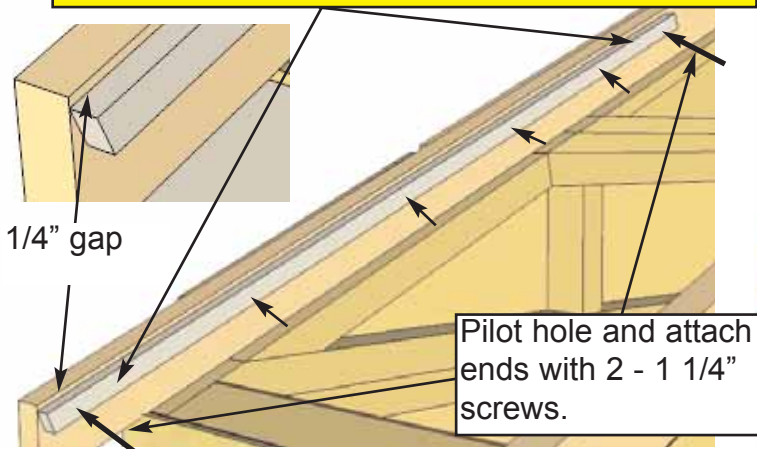
**51.** Prior to securing the Long Rafter Side, make sure walls are aligned correctly. Have two helpers push on both side walls at the top of wall from the outside until wall side plates are 91" apart from the **inside**. When walls correctly aligned, attach long rafters using 3" screws as per **Step 50**. Position a Roof Gusset on the Center Rafter. Leave a 1" gap from the top side of the rafter.





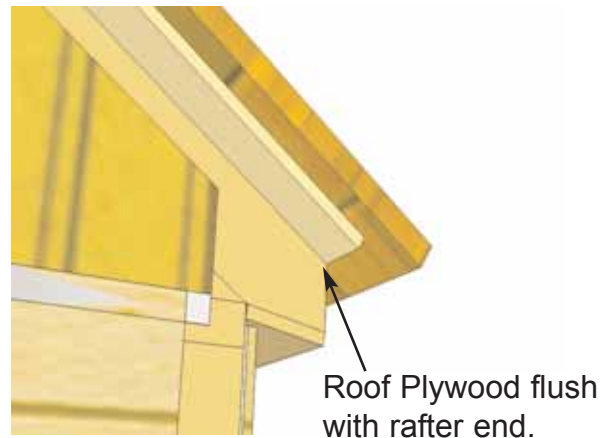
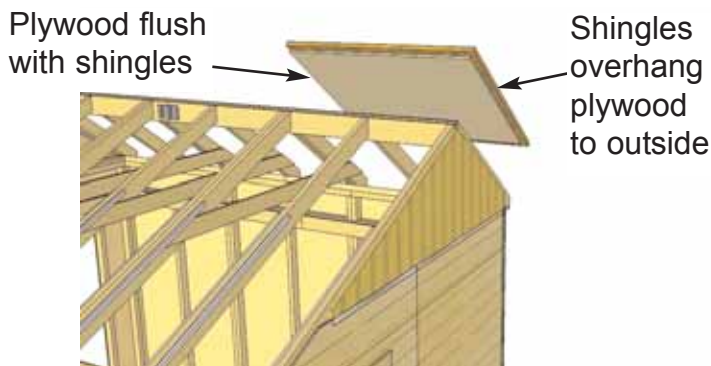
**52.** With Gusset correctly positioned, attach Gusset to Rafter with 4 - 2" screws per side. Use a level to check for square. Pilot hole end of Gusset to prevent splitting. Complete installation for remaining Gussets

Further secure Cleats with 2 - 1 1/4" screws.  
**Important** - Drill pilot holes to prevent splitting!

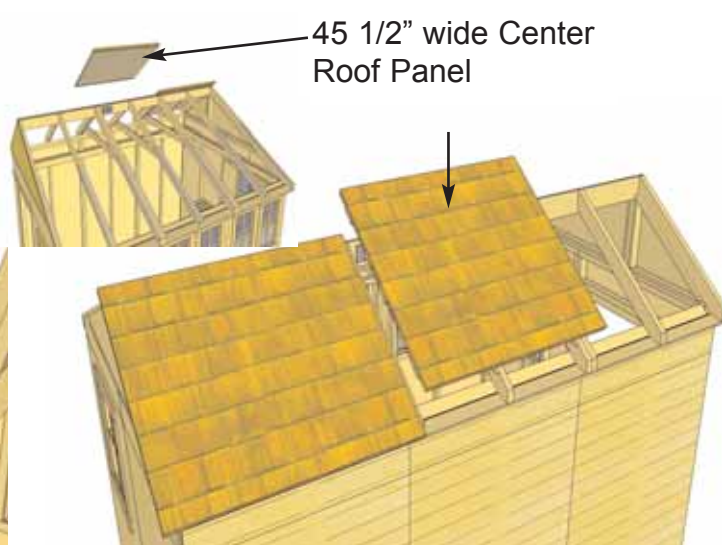
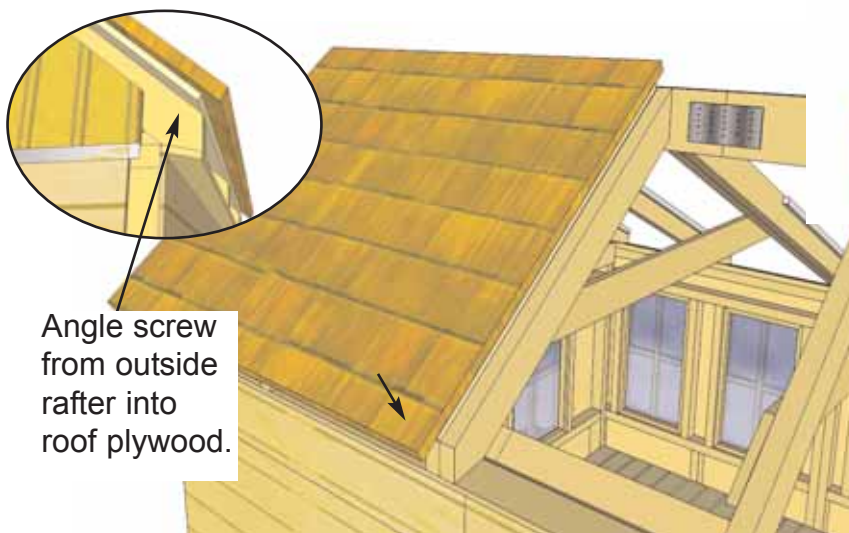


**53.** Position 3/4" x 3/4" x 44 1/2" long **Lexan Support Cleats** on each Long Rafter flush to end and recessed 1/4" down from top of rafter. Pilot hole 1/8" in both ends and attach with 1 1/4" screws. Nail also to rafter using 4 - finishing nails. **Note:** Start nails in Supports on ground first. Complete remaining 11 Lexan Support Cleats.

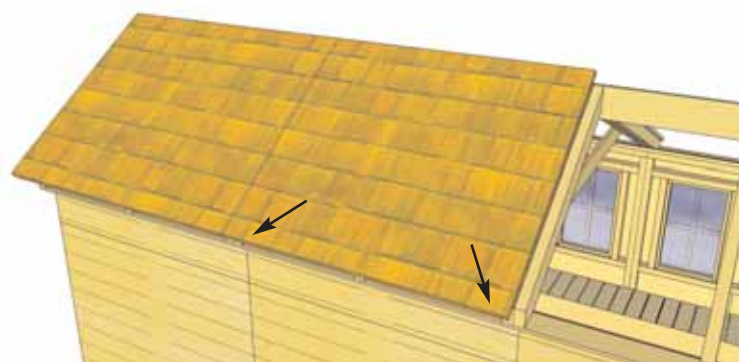
## D. Roof Section



**54.** Identify all **Roof Panels**. There are 2 Outside Right, 2 Center and 2 Outside Left Roof Panels. The outside of the panels will have shingles overhanging the plywood. Starting with an Outside Roof Panel on Short Rafter Side, lift up and place a roof panel on rafters so centered on mid rafter. Plywood on roof should be flush with end of rafter at bottom.



**55.** Place Roof Panel so it sits flush on 3rd rafter from the outside (doubled up rafter). Plywood on roof should be flush with end of rafter at bottom. From the outside, screw down through bottom row of shingles into rafter with 1 - 2 1/2" screw. Angle a 2 1/2" screw from outside rafter into roof plywood. Position Center Roof Panel on both doubled up rafters.



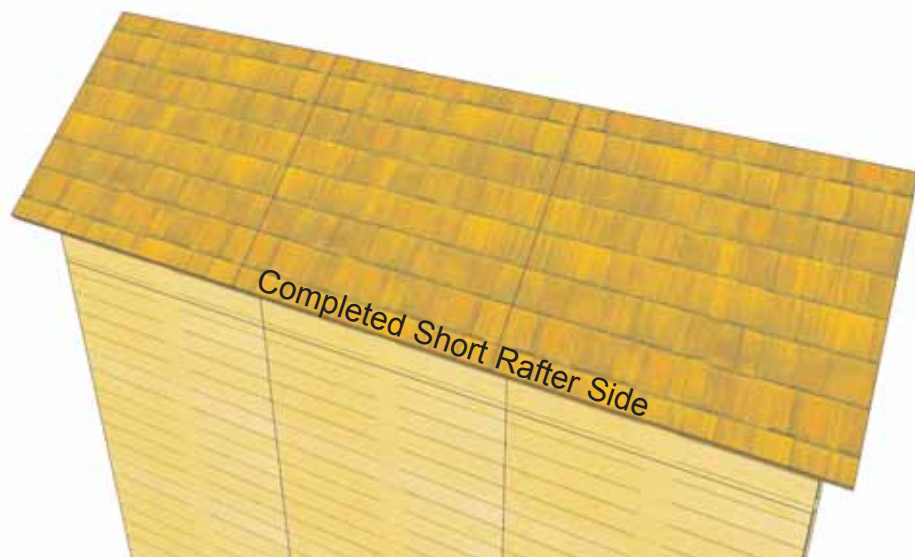
**56.** Position Center Roof Panel with plywood flush with bottom end of rafter as per **Step 54 & 55**. From side to side, make sure Roof Panel is sitting equally on rafter. When positioned correctly, screw down through bottom row of shingles into rafter with 2 - 2 1/2" screws.

Shingles overhang plywood on outside



**57.** Lift up and place an Outside Roof Panel on rafters. Plywood on roof should be flush with end of rafter at bottom.





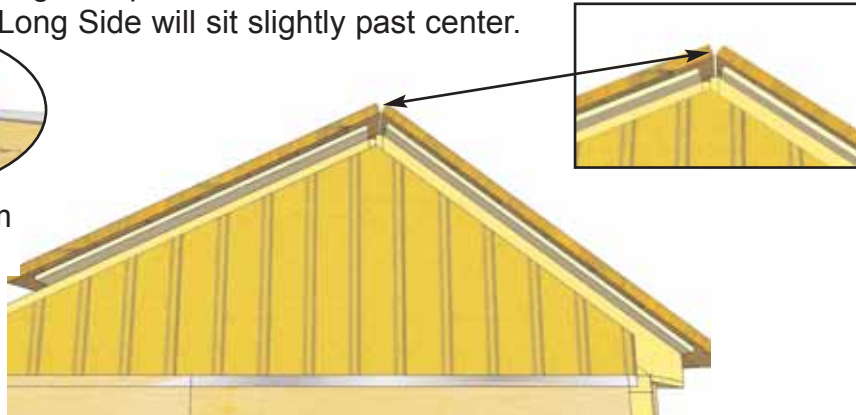
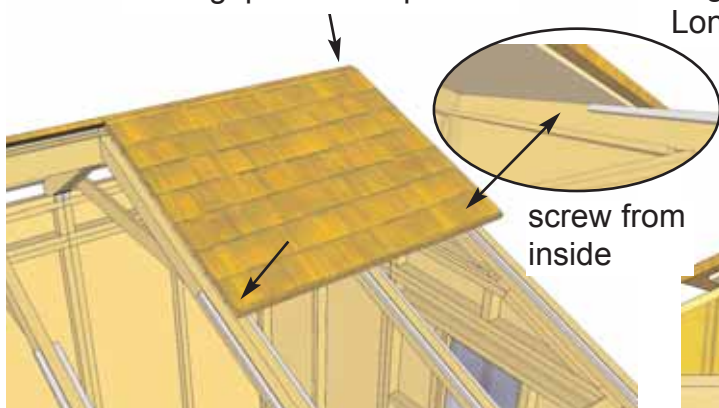
Long Rafter Side 1st Roof Panel



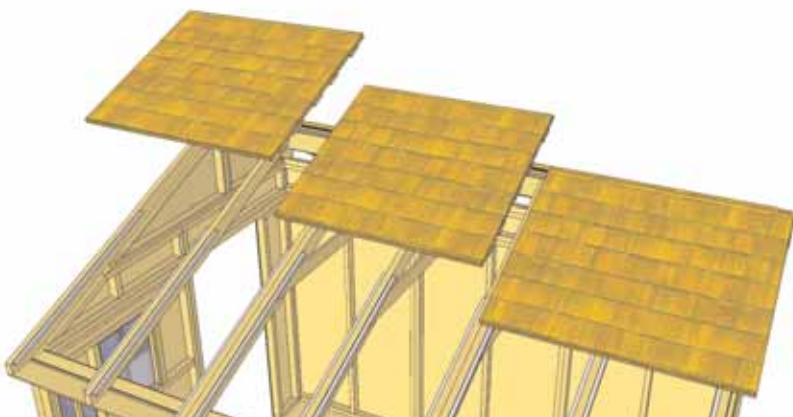
**58.** With both the Center and Outside Roof Panels centered on rafter and aligned, screw from outside as per **Step 55**. Lift and Place 1st Outside Roof Panel for Long Rafter Side.

small gap between panels

Slight Gap between Roof Panels.  
Long Side will sit slightly past center.



**59.** Position Outside Roof Panel equally on rafters. Align Roof Panel at top so only a small gap between panels exists. When positioned correctly, screw down with 1 - 2.5" screw in bottom row of shingles. Additionally, from inside, angle a 2.5" screw from the roof rafter into the roof plywood to secure.

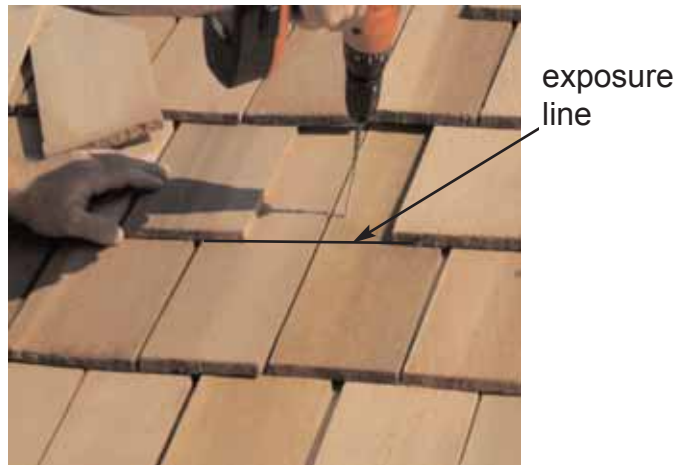


**60.** Follow **Steps 54 - 58** for positioning and attaching Short Rafter Roof Panels. Work from inside the Sunshed when completing the Roof Panels. Position and secure as per **Steps 54 - 59**.





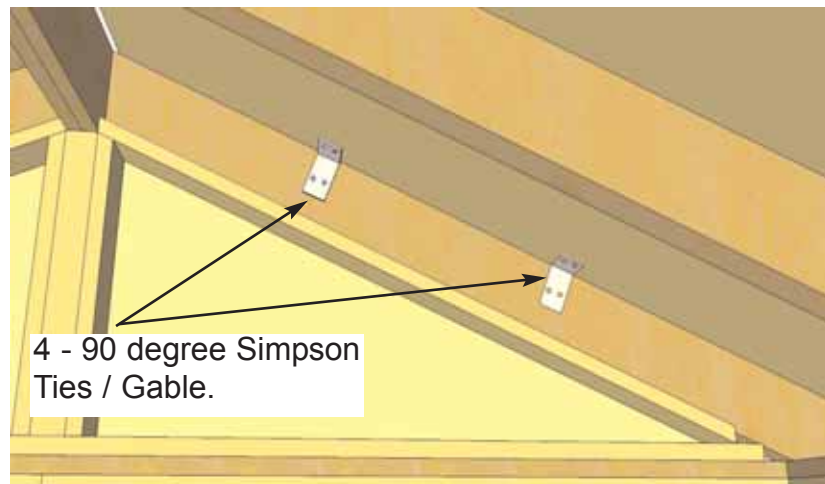
**61.** Next, time to install **Filler Shingles** to hide roof seams of shed. Starting at bottom on Short Roof Side, push a Long Filler Shingle underneath shingles directly above it until end is flush with bottom shingles.



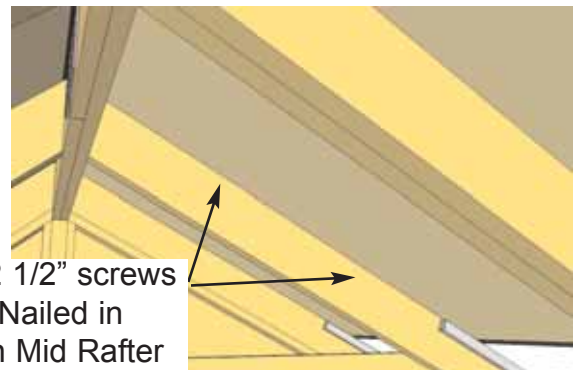
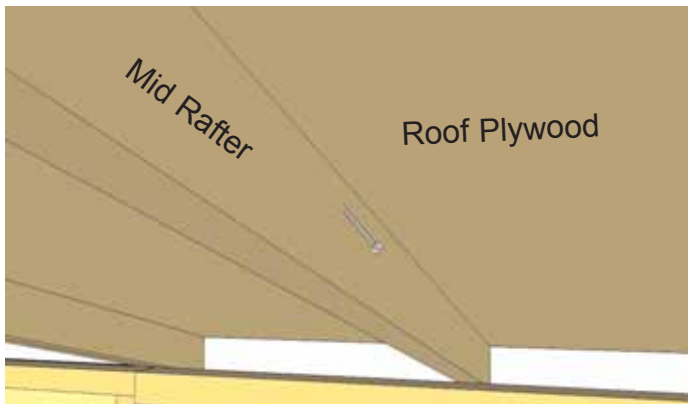
**62.** Screw first filler shingle down to rafters using 1 - 2 1/2" screw per panel (2 in total). Make sure to screw into both rafters.



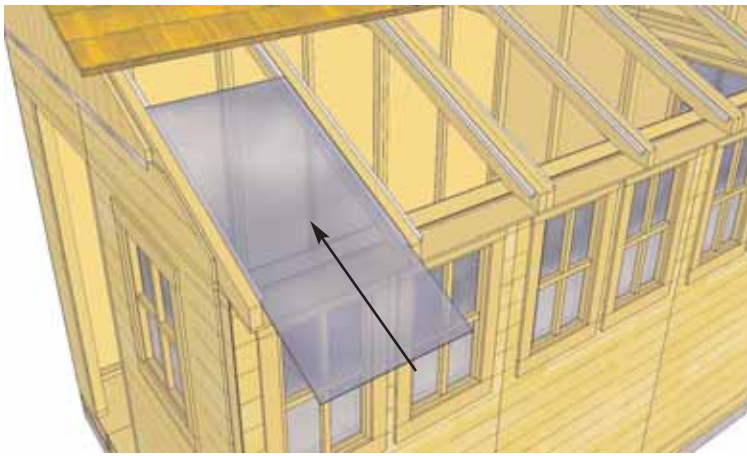
**63.** Slide in the next Long Filler shingle and attach as per **Step 62**. At the top, use smaller shingles to fit. Attach final shingle to roof with 2 nails per shingle. Complete Long Roof Side next. There are 2 - Long shingles and 1 Short shingle per roof seam.



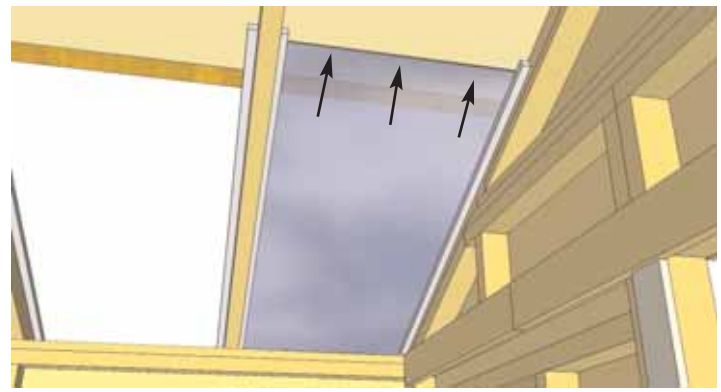
**64.** Position 2 Simpson Strong ties on plywood and outside rafters and secure with 4 - 1 1/4" screws. 4 ties per side (8 ties in total).



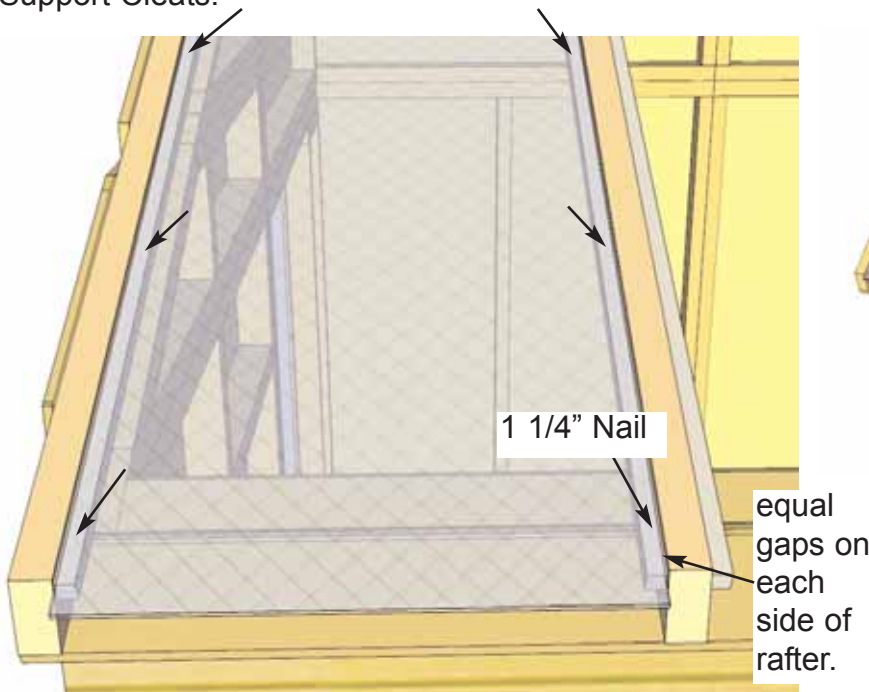
**65.** To further secure roof panels, from the inside, drill pilot holes in each Mid Rafters (2 per Rafter) on an angle. Using 2 - 2 1/2" screws, secure rafters to roof plywood. **Note:** from outside, have a helper push roof panel down so plywood sits flush against rafter when securing.



**66.** Installation of 6 **Lexan Panels** is next. Start by removing protective plastic layer on each panel. Slide panel up between rafters so it rests on Lexan Support Cleats.



**67.** From the inside, carefully slide end of panel underneath shingles. After completion of **Step 68**, use 3 - finishing nails to secure Lexan Panel to underside of roof plywood.



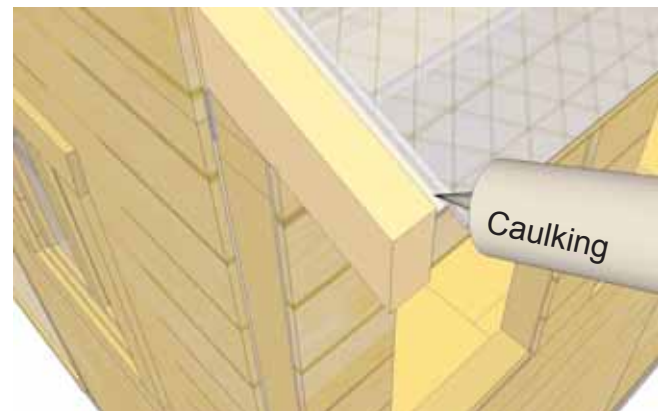
**68.** Position Lexan Panel with equal gaps between rafters and overhanging end of rafters by 1". With 6 - 1 1/4" nails, secure panel to Lexan Support Cleats.



**69.** Position and secure 2nd Lexan Panel as per **Steps 66-68**.



**70.** Complete installation of remaining Lexan Panels.



**71.** With a Caulking Gun, apply Silicon to seal gaps between rafters and Lexan Panels. Apply **Silicon** down each side of rafter. Use liberal amounts to properly seal the joint.



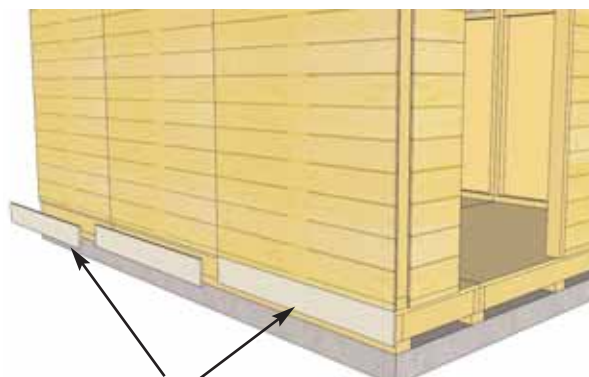
# E. Miscellaneous Section

## Expert Advise-

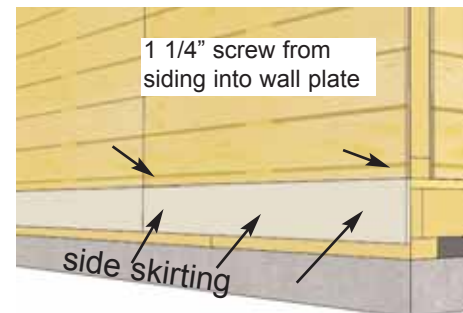
When installing trim, sort pieces according to color and pieces that are most pleasing to the eye. Start with least visible side and use the least desirable pieces first. Install trim to most visible sides as your skill installing trim improves.

### 72. Attach **Bottom Skirting**

around the base of the shed. Skirting will hide floor framing. The side skirting pieces will meet together in the center. Gaps on outside will be covered by Wide Trim pieces later. Start with side pieces first and attach with 4 - 1 1/4" finishing nails per piece.



3 pieces of Bottom Skirting per side



Attach additional 2- 1 1/4" screws on bottom outside edge of each windowless wall panel to further secure bottom siding to framing. **Note**, Corner Trim will cover screws in **Steps 74 - 75**. Drill pilot holes in siding to prevent splitting.



Rear Skirting

Gap in corner

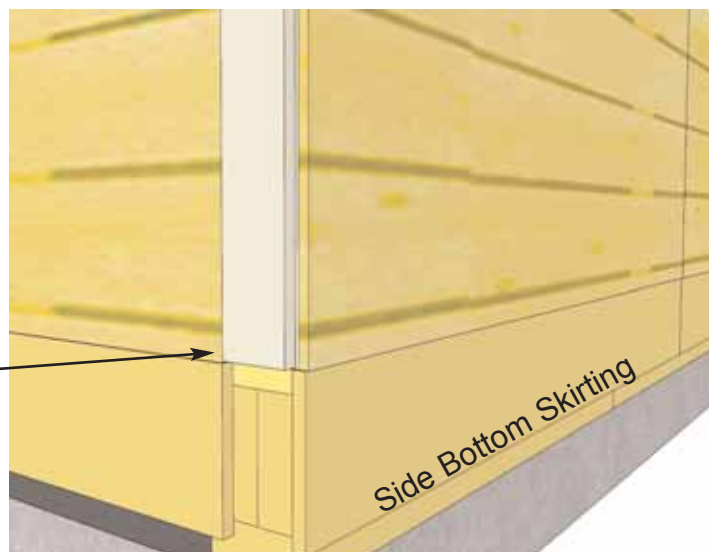


Front Skirting



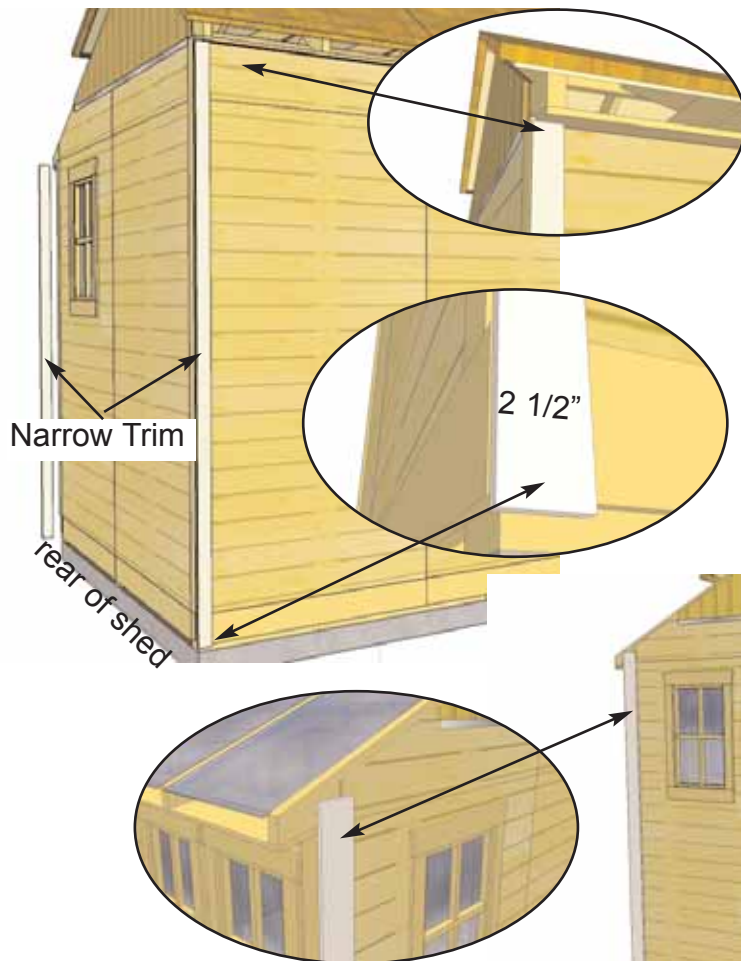
### 73. Attach **Filler Trim- Tall and Short**

(2 - 1/2" x 2 1/2" x 75" & 2 @ 84") to front and rear walls in each corner. Hammer with 6 - 1 1/4" finishing nails. Strips are positioned flush with siding and bottom skirting.



Side Bottom Skirting

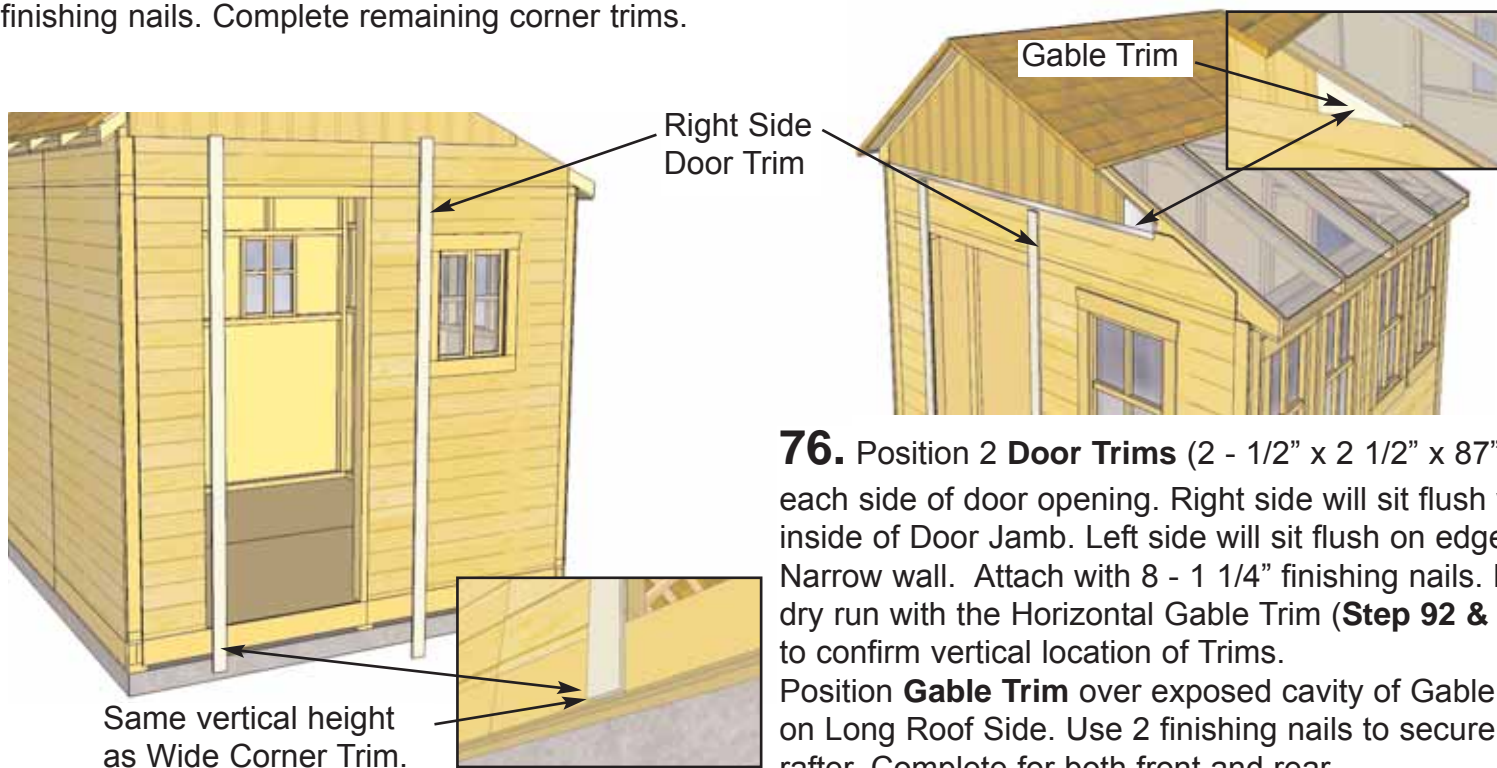




**74.** Align and attach both **Narrow and Wide Trims** in each corner. Starting with a Narrow Trim - 1/2" x 2 1/2" x (2 Short Wall @ 79") & (2 Tall Wall @ 88"), align tight underneath Soffit and Rafter. Position flush with Filler Trim so Wide Trim will cap it when attached in **Step 75**. Use 8 - 1 1/4" finishing nails to secure. Note that Narrow Trim will sit slightly below Bottom Skirting when correctly attached.



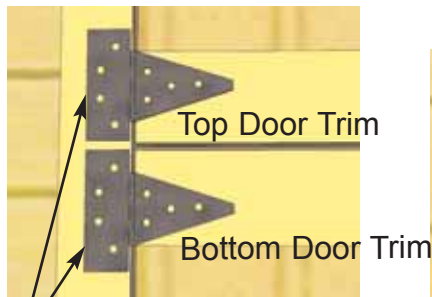
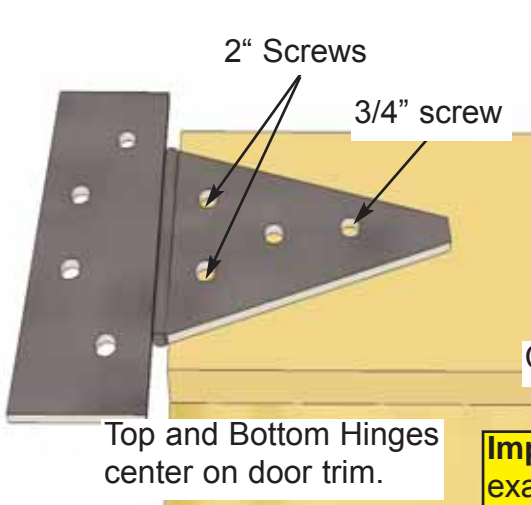
**75.** Position **Wide Trim** 1/2" x 4 1/2" x (2 Short Wall @ 82") & (2 Tall Wall @ 87"), over Filler Trim and to cap Narrow Trim. Align Wide Trim at bottom with Narrow Trim so flush with each other. Secure trim with 8 - 1 1/4" finishing nails. Complete remaining corner trims.



**76.** Position 2 **Door Trims** (2 - 1/2" x 2 1/2" x 87") on each side of door opening. Right side will sit flush with inside of Door Jamb. Left side will sit flush on edge of Narrow wall. Attach with 8 - 1 1/4" finishing nails. Do a dry run with the Horizontal Gable Trim (**Step 92 & 93**) to confirm vertical location of Trims. Position **Gable Trim** over exposed cavity of Gable Wall on Long Roof Side. Use 2 finishing nails to secure into rafter. Complete for both front and rear.



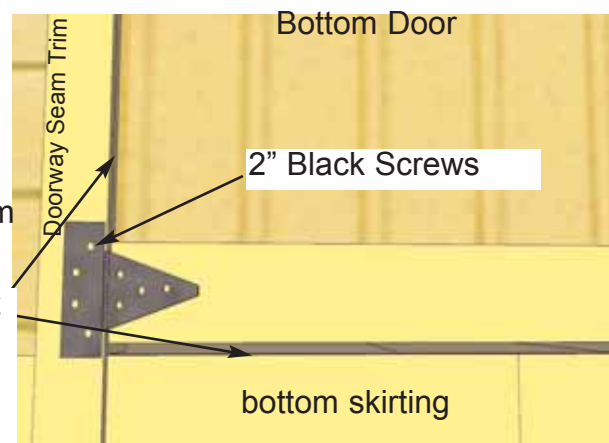
**77.** Attach remaining **Narrow Wall Trims** where wall panels come together and leave a seam. Note, the Narrow Trim on the Short Wall side is 79" long and 88" long on the Tall Wall Side. Align trim tight underneath Soffit and Rafter. Attach with 8 - 1 1/4" finishing nails per piece. **Note:** The Rear Wall Narrow Trim is only 87" long. Align and attach as per Door Trims in **Step 76**.



Center Hinges

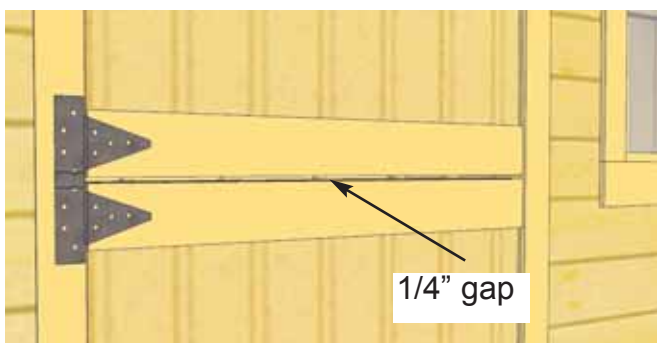
3/8" gap at bottom.  
Evenly spaced on sides.

**Important:** Hinge not exactly as shown.



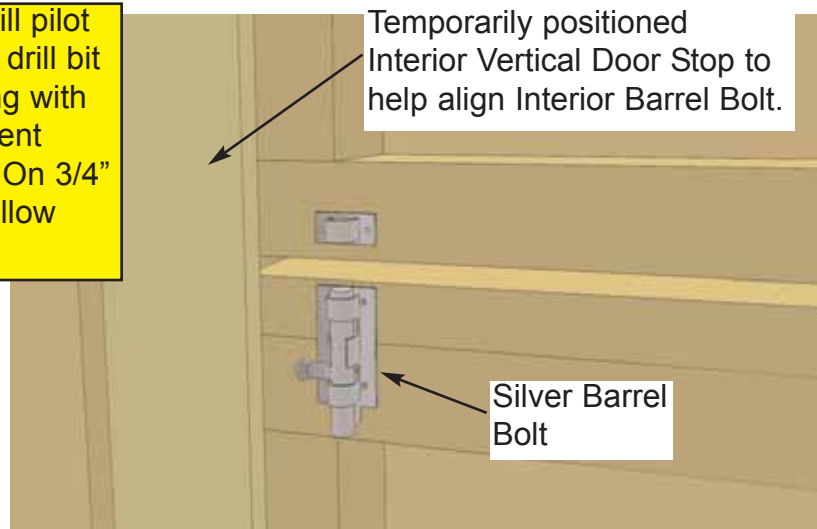
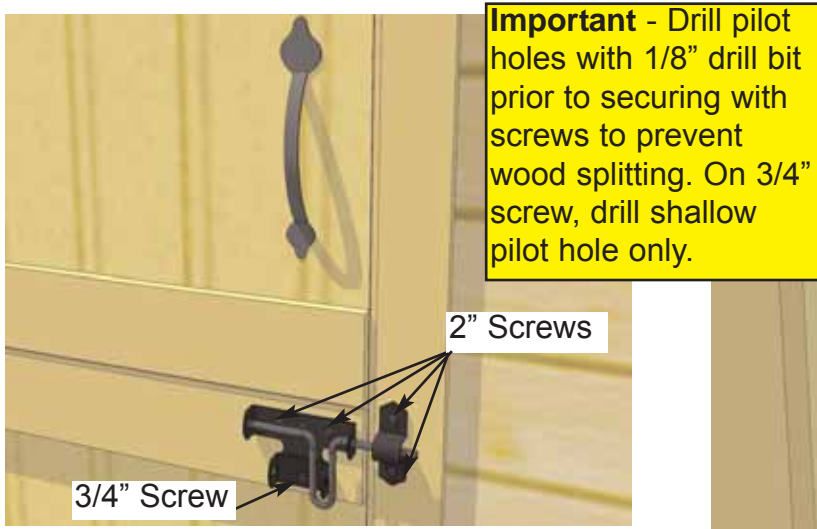
**78** Attach Door Hinges to **Top** and **Bottom Dutch Door** sections. Center Hinges should be positioned to edge of door trim to prevent hinges from contacting each other while top and bottom hinges may be centered on door trim. Use 2" & 3/4" black screws on hinge / door attachment as shown above.

**79.** Place Bottom Dutch Door panel into position, gap 3/8" on bottom and evenly spaced on sides and attach hinge to doorway seam trim with 2" black screws. Use shim to help keep the door evenly spaced on bottom. One of the extra roof shingles (see parts list) can be used.



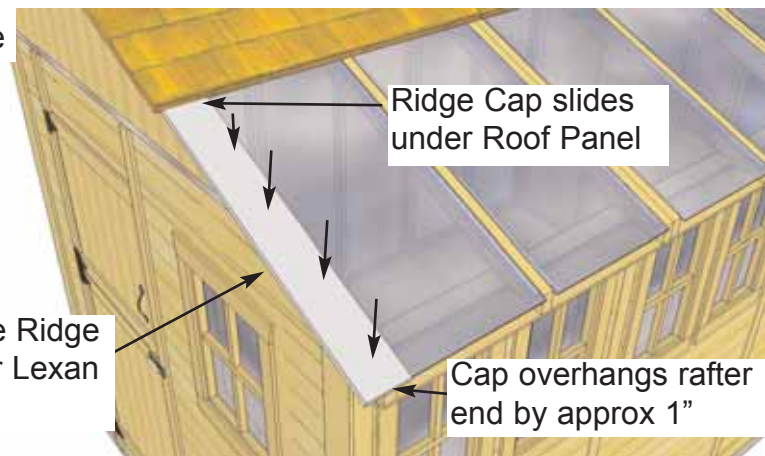
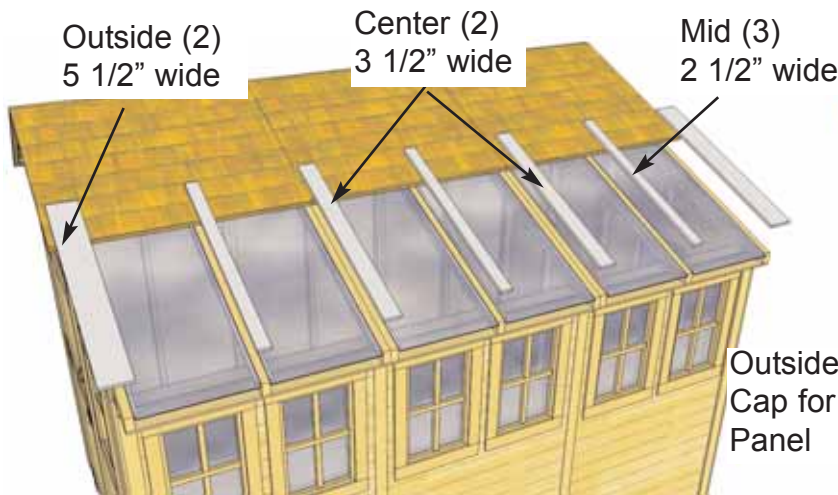
**80.** Place the Top Dutch Door Panel into place and gap top and bottom panel 1/4" apart. Use a shim once again to help you. Attach hinges to trim with 2" black screws.



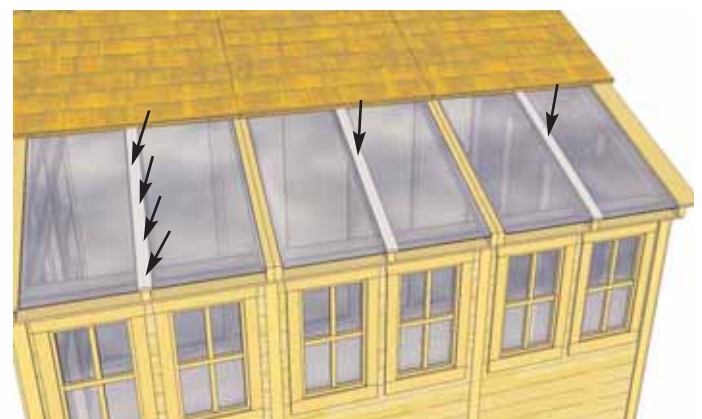
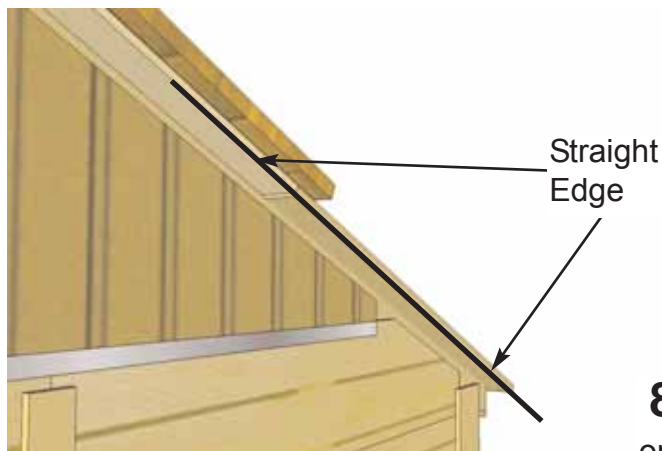


**81.** Attach **Door Handle and Exterior Black Barrel Bolt** to door. Handle is positioned on top door, Barrel Bolt on bottom door. Attach Black Barrel Bolt as illustrated above with 2" & 3/4" Black Screws. Note how female part of Barrel Bolt is positioned higher than male. Do a dry run first to position Barrel Bolt correctly.

**82.** Attach **Interior Silver Barrel Bolt** to inside of door as illustrated above. Use 3/4" silver screws to secure. Refer to Step 98 to allow for adequate clearance.



**83.** Locate all **Ridge Caps** for Lexan Panels (3 Mid / 2 Outside / 2 Center). Starting from the outside, position both 5 1/2" wide caps so outside edge is aligned with edge of roof plywood and Cap end slides under roof. When correctly aligned, attach Caps to center of outside rafter with 4 - 1 1/4" finishing nails. **See below.**



**84.** Position and attach Mid Ridge Caps evenly spaced on mid rafters. Align top to bottom as per **Step 83.**

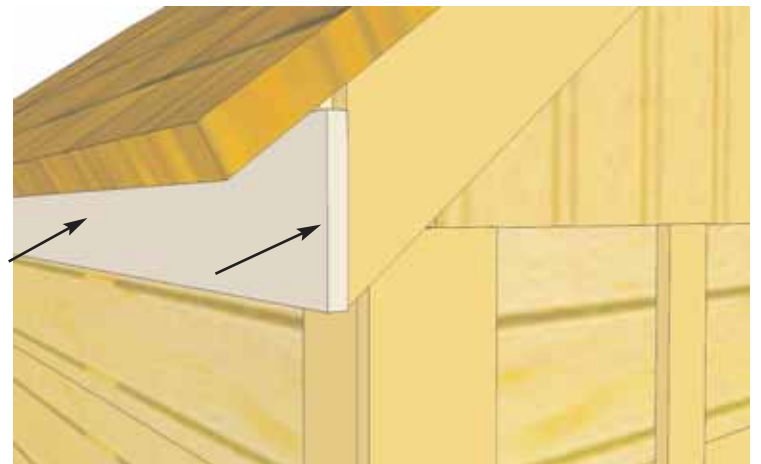




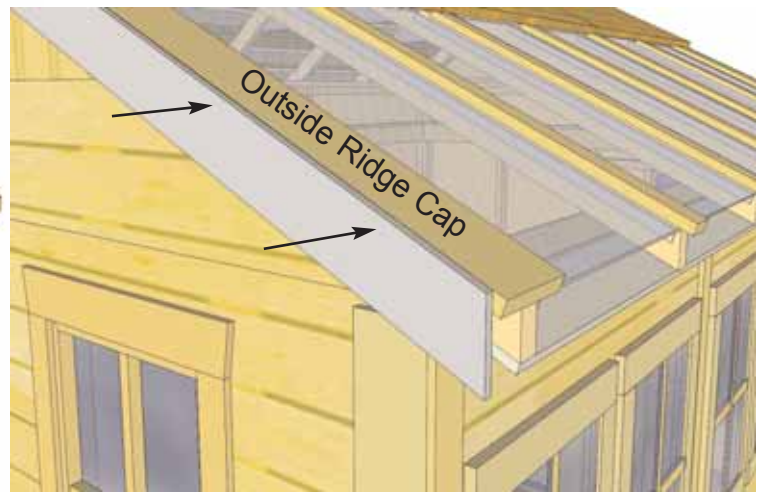
**85.** Align and attach remaining Ridge Caps (3 1/2" wide) over Double Rafters as per Steps 83 & 84.



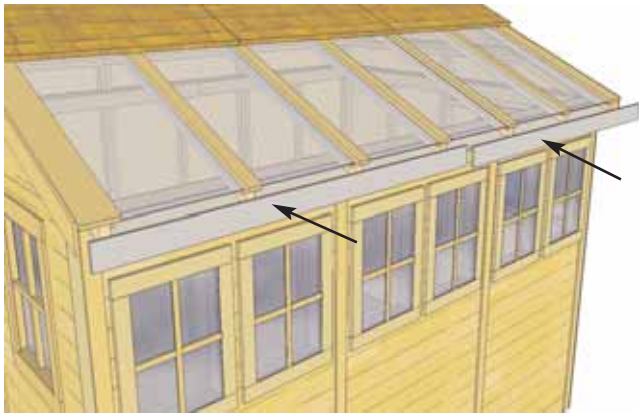
**86.** Attach **Front and Rear Facia** (angle cut on ends) to end of roof plywood with 5 - 1 1/4" finishing nails per side. Starting with Short Roof side, **line up a 38 1/4" long Facia piece so Facia end lines up with rafter ends.**



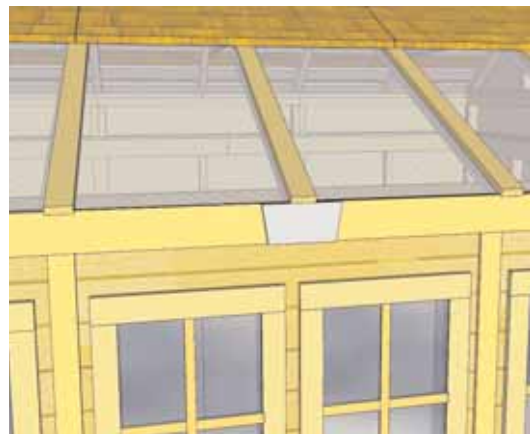
**87.** Attach **Side Facia** to roof rafter ends. There are 2 Side Facia pieces per side. Secure with 8 - 1 1/4" finishing nails per piece. Side Facia will sandwich Front and Rear Facia. Do a dry run with Front and Rear and Side Facia to confirm correct positioning prior to attaching.



**88.** Attach 78 3/4" long Front and Rear Facia to roof plywood and Outside Ridge Cap edge with 10 - 1 1/4" finishing nails and 2 - 1 1/2" screws. Use screws where Outside Ridge Cap and Facia meet. Once again, Line Facia up so it is aligned with rafter ends. Do a dry run with Front and Rear and Side Facia to confirm correct positioning prior to attaching.



**89.** Attach remaining **Side Facia** to roof rafter ends as per **Step 87**.



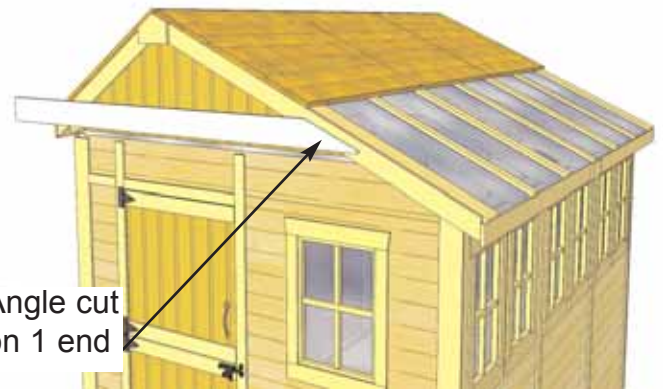
**90.** Attach **Facia/Trim Detail Plates** and **Pentagon Plates** to cover seam where Facia Trim pieces come together. Secure each with 4 - 1 1/4" finishing nails



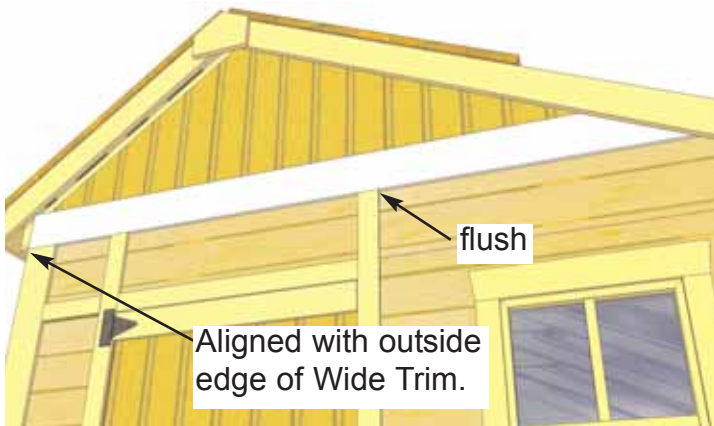


**91.** Attach both the **Horizontal Door Trim (32")** and **Horizontal Narrow Wall Trim (8 3/4")** with 4 and 2 - finishing nails.

Angle cut on 1 end



**92.** Locate **Horizontal Gable Trim** for both front and rear of shed. Position over gable flashing.



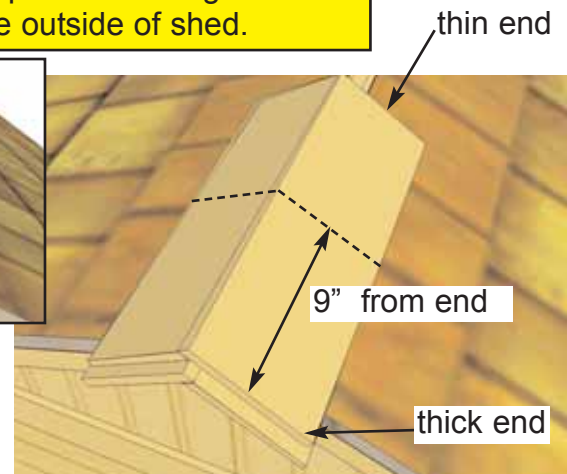
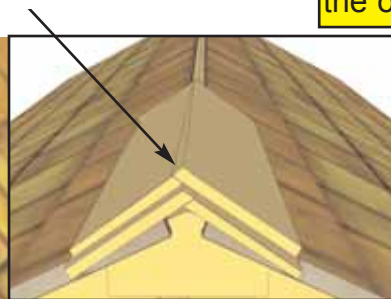
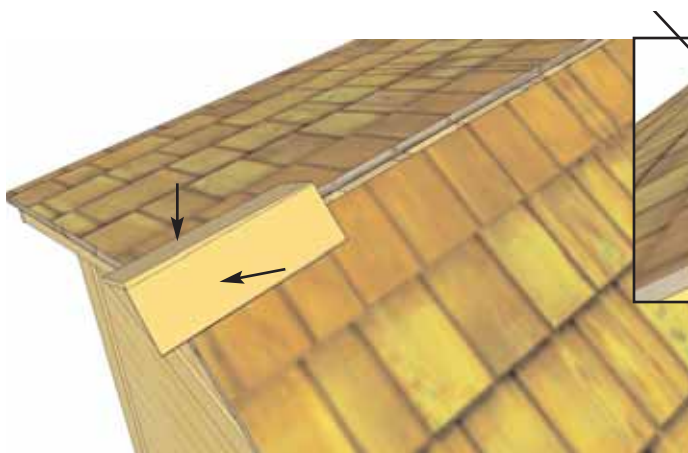
**93.** Position Horizontal Gable Trim so flush with outside edge of Wide Trim and flush with top. Use 8 - 1 1/4" finishing nails per piece to secure. Complete both sides.



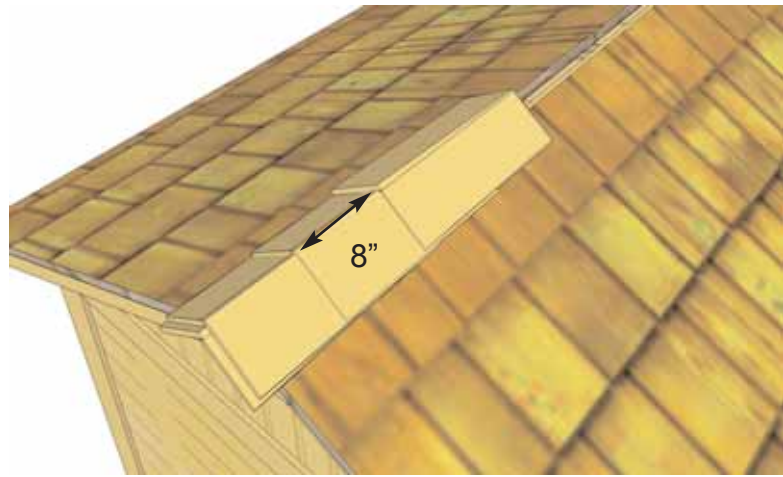
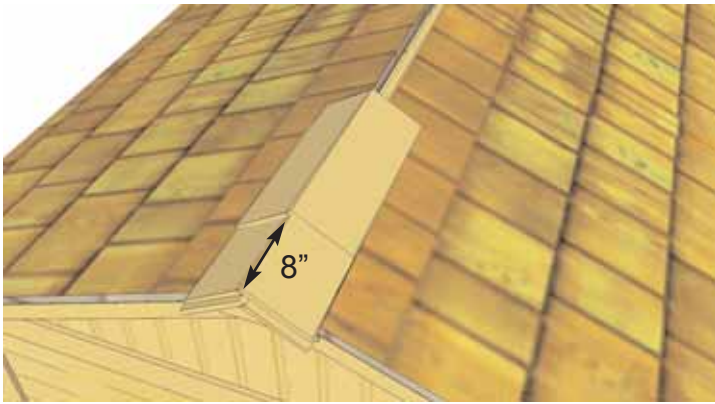
**94.** Assemble **Flower Box Kit** with Assembly Instructions found in each Flower Box Kit. Position completed Flower Box below bottom of window trim and secure with 2 - 2" screws per box. Screw from inside of box into the center wall stud. Attach second screw 2" underneath first screw and once again into the wall stud. Install Flower Box Kits underneath each window.

Alternate Ridge Cap Seams  
(Offsetting angle cut at peak)

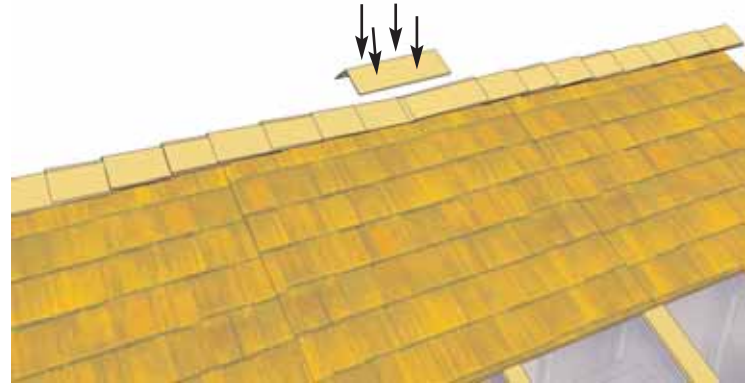
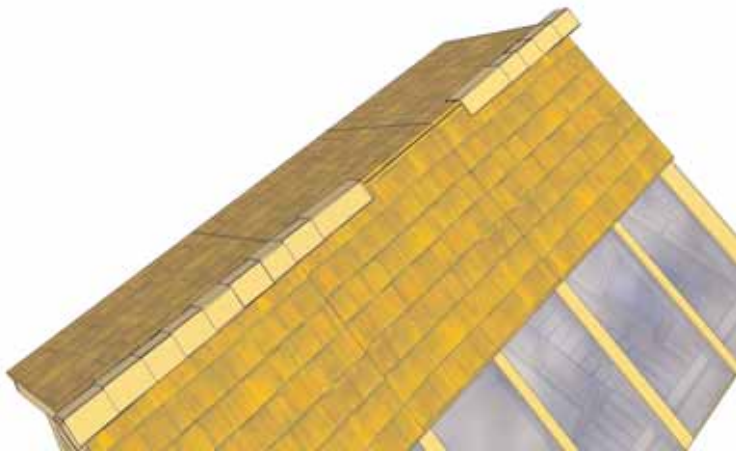
**Important-**  
Butt (thick) end of Ridge Cap will be facing towards the outside of shed.



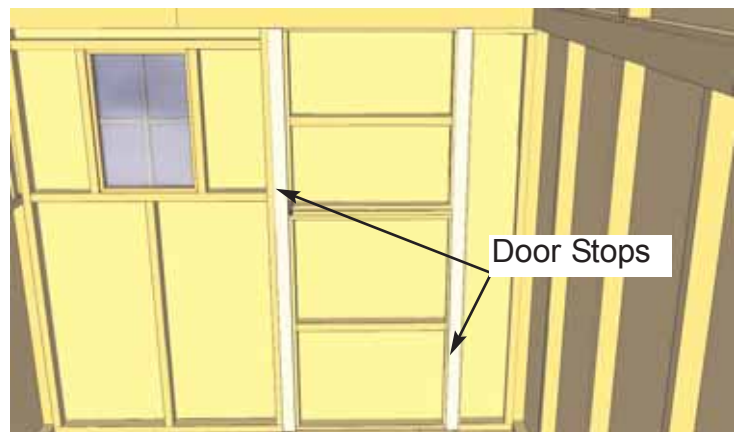
**95.** Place First Roof Ridge Cap on roof peak overhanging shingles by approximately 1". Attach with 2- 1 1/4" Shingle Nails 9" from end. Place 2nd Ridge Cap 1" back from 1st cap. Attach with 2- 1 1/4" Shingle Nails 9" from end. Alternate each Ridge Cap as you proceed.



**96.** Place 3rd Ridge Cap 8" back from 2nd. (enough to cover shingle nails). Attach 3rd Ridge Cap down as per **Step 95**. Continue to position and attach Ridge Caps until half roof is complete.

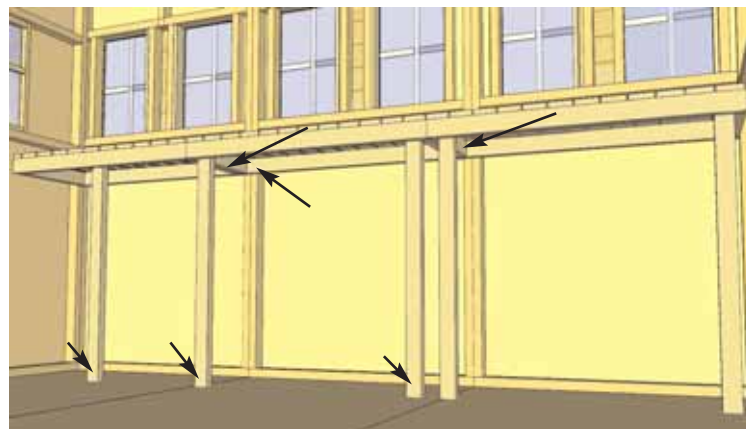
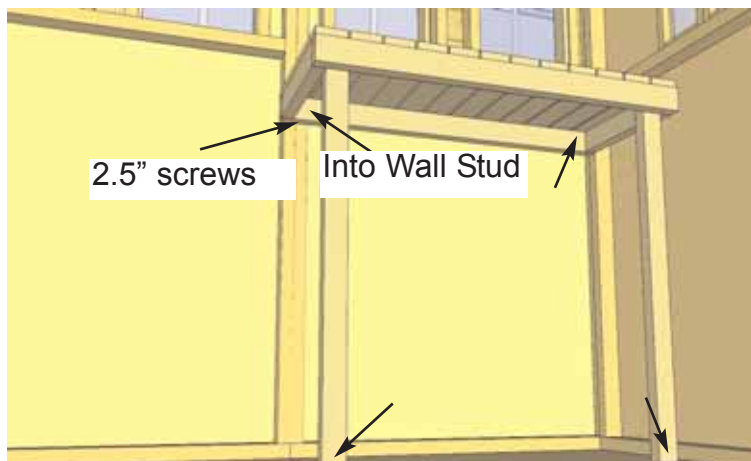


**97.** From opposite side, position and attach Ridge Caps as described above. Score/cut 1 Ridge Cap to 12" or to fit in the center of roof. Attach center cap with 4 - 1 1/4" Shingle Nails.

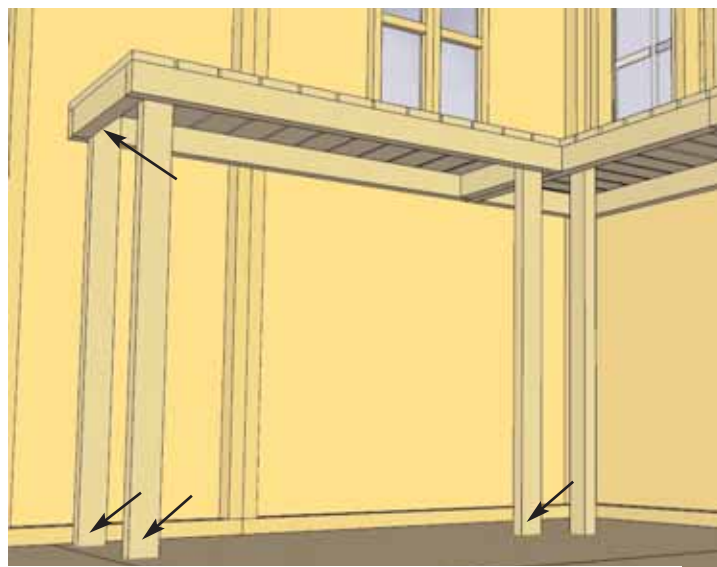
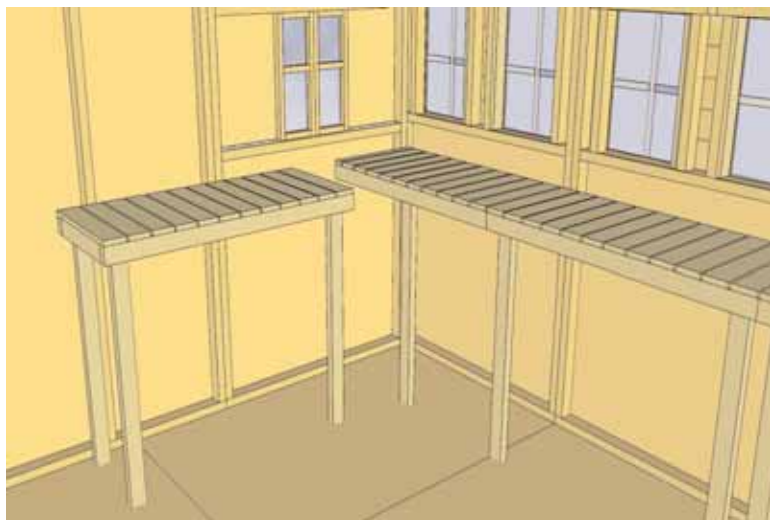


**98.** Attach Interior **Vertical Door Stops** to door framing from inside of shed. Use 4 - 2" screws to secure each Stop. Stops should overlap door by approx. 1/2"

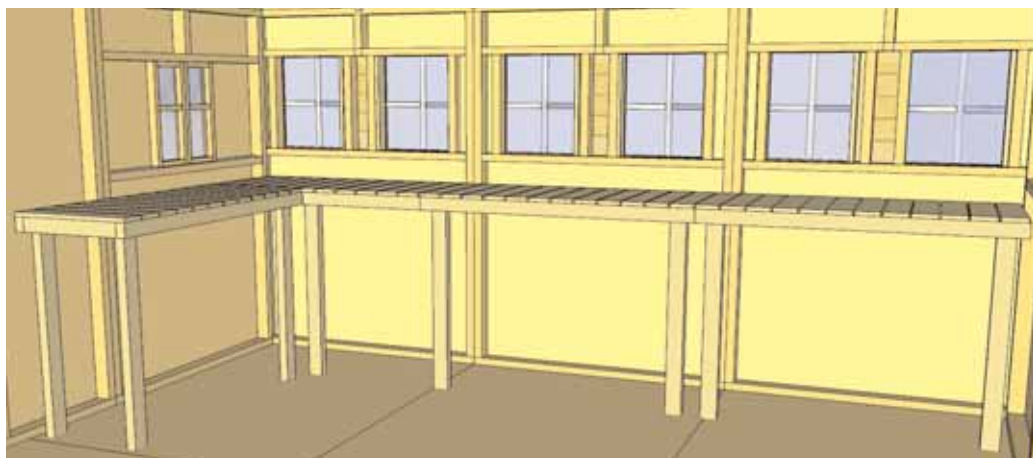




**99.** Locate 1 **Long Potting Shelf** and 2 Legs. Attach Legs in each front corner from the inside with 2 - 2.5" screws. Attach Shelf framing to wall studs with 2 - 2.5" screws. Place 2nd Long Potting Shelf and 2 Legs adjacent to Long Potting Shelf and attach together from underneath where end framings meet with 2 - 2.5" screws. Attach Long Shelf into Wall Stud with 1 - 2.5" screw from underneath. Place Short Potting Bench in corner and attach end framings together and also to wall studs with 4 - 2.5" screws. Attach 1 front center Leg.



**100.** Locate 3rd Long Potting Shelf and 3 Legs. Attach Legs in front corners and outside rear corner with 2 - 2.5" screws/leg from underneath. Place in rear corner against Short Potting Shelf and attach together from underneath where framings meet with 2 - 2.5" screws. Attach Long Shelf into Wall Stud with 1 - 2.5" screw from underneath.



Completed  
Potting Shelf  
Setup.



## Completed 8x12 SunShed

**Note;** Our Sheds are shipped as an unfinished product. If exposed to the elements, the western red cedar lumber will weather to a silvery-gray color. If you prefer to keep the cedar lumber looking closer to the original color, we suggest that you treat the wood with a good oil base wood stain. You may also wish to paint your new shed rather than stain it. In both cases we recommend that you consult with a paint and stain dealer in your area for their recommendations.



We hope your experience assembling your Sunshed has been both positive and rewarding.

We value your feedback and would like to hear back from you on how well we are doing in the following areas:

1. Customer Service
2. On Time Shipping
3. Motor Freight Delivery
4. Quality of Materials
5. Assembly Manual
6. Overall Satisfaction.

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